

# The CTAN Bibliography

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## 1 Bibliography data

The data entries are saved as `@manual`, which can easily be changed by any editor via the replace function. If you are still using the old `bibtex` program instead of `biber`, you have to define your own bibliography style file (`.bst.`).

For `biber/biblatex` there exists an own `ctan.bbx` file which uses all the entry types listed in the following example:

```
@manual{ctan-a@poster,  
  title      = {The \texttt{a@poster} package},  
  subtitle   = {Support for designing posters on large paper},  
  author     = {Gerlinde Kettl and Matthias Weiser},  
  date       = {2016-06-24},  
  version    = {1.22b},  
  license    = {lppl},  
  mirror     = {https://mirror.ctan.org/macros/latex/contrib/a@poster},  
  url        = {https://ctan.org/pkg/a@poster},  
  annotation = {Provides fonts in sizes of 12pt up to 107pt and also makes sure  
               that in math formulas the symbols appear in the right size. Can  
               also create a PostScript header file for  
               which ensures that the poster will be  
               printed in the right size. Supported sizes are DIN A0, DIN A1,  
               DIN A2 and DIN A3.},  
}
```

`ctan.bbx` is based on `authortitle` which can be changed easily in the file.

Currently there are 6337 bibliography data entries. The file `ctan.bib` will be created new every day.

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## Bibliography list by package name

A	2	B	8	C	18	D	28	E	34	F	39	G	45	H	49	I	53	J	56
K	57	L	59	M	68	N	76	O	79	P	81	Q	91	R	92	S	95	T	104
U	115	V	118	W	119	X	121	Y	123	Z	124								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	274
a2ac	AFM to AFM plus Composites	Olšák	369
a2ping	Advanced PS, PDF, EPS converter	Szabó	460
a4	Support for A4 paper sizes	Poppelier, Braams	386
a4wide	”Wide” a4 layout	Holt, Lamy	255
a5comb	Support for a5 paper sizes	Wolczko	528
aaai-named	BibTeX style for AAAI	Patel-Schneider	378
aaai	AAAI style	Patel-Schneider	378
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal ‘Aalok’	Unknown	490
aastex	Macros for Manuscript Preparation for AAS Journals	AAS	129
abbr	Simple macros supporting abbreviations for Plain and L <sup>A</sup> T <sub>E</sub> X	Thành	473
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	456
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	232
abc2mtex	Notate tunes stored in ABC notation	Walshaw	518
abnt	Typesetting academic works according to ABNT rules	Cherem	174
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	130
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	125
Aboensis	A late medieval OpenType cursive font	Syrjänen	457
abraces	Asymmetric over-/underbraces in maths	Grundlingh	234
abspos	Absolute placement with coffins	Hetland	250
abstbook	Books of abstracts	Havlik	244
abstr-collect	Print a collection of abstracts	Balemi	136
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	401
abstyles-babel	Adaptable styles for use with Babel	Bautista	140
abstyles-orig	Adaptable BibTeX styles	Bode	151
academicons	Font containing high quality icons of online academic profiles	Fernandes	206
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
accenti	Extra accented character macros, designed for Italian	Bosisio	154
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	542
accents	Multiple mathematical accents	Bezos López	313
accessibility	Create tagged and structured PDF files	Clifton	178
accfonts	Utilities to derive new fonts from existing ones	Smith	441
accsupp	Better accessibility support for PDF files	Oberdiek	360
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	531
achicago-bst	Chicago Manual BibTeX style	Swift	456
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	456
acm	ACM document style	Leichter	307
acmart	Class for typesetting publications of ACM	Veytsman	504
acmconf	Class for ACM conference proceedings	Vollmer	509
acmproc	Style option for ACM proceedings	Lamport	301
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	301
acro	Typeset acronyms	Niederberger	355
acroflex	Create a graphing widget in a PDF file	Story	450
acromake	Make commands for acronyms	Thompson	482
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	450
acronym	Expand acronyms at least once	Oetiker, Oberdiek	367

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
acronym209	An algorithm package developed for L <sup>A</sup> T <sub>E</sub> X 2.09	Kewley	274
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	228
AcroSort	Sort sliced image into order	Story	450
acroterm	Manage and index acronyms and terms	Voß	515
acrotex-js	JavaScript files used by acrotex and other packages	Story	450
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	450
acrotex	The AcroTeX education bundle	Story	450
acroweb	Scripts to create interactive tests from a database	Mařík	328
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	490
active-conf	Class for typesetting ACTIVE conference papers	Robertson	400
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	228
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	228
adami	A DOS system for working with Tamil	Srinivasan	446
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	139
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	267
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	221
addliga	Access basic ligatures in legacy TrueType fonts	Miller	339
addlines	A user-friendly wrapper around \enlargethispage	Robertson	400
address	Generate form letters and address labels	Wester, Damrau	522
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	440
adfathesis	Australian Defence Force Academy thesis format	Harker	242
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	394
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	394
adhocfilelist	'\listfiles' entries from the command line	Lück	319
adigraph	Augmenting directed graphs	Cappelletti	166
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	504
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	417
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	490
adobecaslon	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	504
adobemapping	Adobe cmap and pdfmapping files	Adobe	125
adrconv	BibTeX styles to implement an address database	Kielhorn	277
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribille	446
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	146
advdate	Print a date relative to "today"	Wagner	516
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	200
aeb-minitoc	Create mini-tocs	Story	451
aeb-mlink	Multi-line links with hyperref	Story	451
aeb-mobile	Format PDF files for use on a smartphone	Story	451
AeB Pro	Items from the AeB Pro Family of Software	Story	450
aeb-tilebg	AeB Tiling Backgrounds	Story	451
aeb_dad	A drag-and-drop matching game with PDF files	Story	451
aebenvelope	The AeB Pro eEnvelope System	Story	451
AeB slicing	An image slicer	Story	450
aebXMP	Add advanced metadata to PDF files	Story	451
aecc	Almost European Concrete Roman virtual fonts	Rivera	399
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	404
aesupp	Special support for the æ character	Jørgensen	267
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	177
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	200
AFMtopl (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	528
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	504
afterpackage	Add commands to package after it's loaded	Rozhenko	412
afterpage	Execute command after the next page break	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
afthesis	Air Force Institute of Technology thesis class	Young	537
aguplus	Styles for American Geophysical Union	Daly	184

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aiaa	Typeset AIAA conference papers	Kleb	280
aichej	Bibliography style file for the AIChE Journal	Schaber	417
aifont	Remap Computer Modern fonts	Collins	179
ajl	BibTeX style for AJL	Nash	352
AkkTeX	A collection of packages and classes	Akkerman	126
akletter	Comprehensive letter support	Kielhorn	277
akshar	Support for syllables in the Devanagari script	Vũ	516
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	456
albatross	Find fonts that contain a given glyph	Island of TeX	261
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	149
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	195
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	489
algobox	Typeset Algobox programs	Rivaud	399
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	432
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	209
algorithmicx	The algorithmic style you always wanted	János	263
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	158
algpseudocodex	Package for typesetting pseudocode	Matt	331
algxpar	Support multiple lines pseudocode	Moreira	344
aliascnt	Alias counters	Oberdiek	360
aligned-overset	Fix alignment at \overset or \underset	Krüger	295
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	469
allegno	Automatic numbering of all equations	Thornburg	482
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	521
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	301
alltt2	Indented version of alltt	Wolczko, Lamport	528
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10	Hamid	238
	Regular to full Arabic Unicode support		
alnumsec	Alphanumeric section numbering	Küster	299
alpha-persian	Persian version of alpha.bst	Shapour	432
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	273
alphabib	Add alphabetical headers into citations	Hilléreau	251
alphalph	Convert numbers to letters	Oberdiek	360
alphanum-bst	Modified alpha BibTeX style	Thomas	481
alphanum	Sectioning commands for jura	Braun	157
alphanumb	A modification of alpha.bst	Thomas	481
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	332
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	279
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	213
altsubsup	Subscripts and superscripts with square brackets	Labbé	300
altverse	Typesetting verse	Shipunov	435
ama	AMA manual of style citations	Kort, Trickey	293
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	376
amiri	A classical Arabic typeface, Naskh style	Hosny	256
amiweb2c-guide	How to install AmiWeb2c	Finnberg	209
amiweb2c	An Amiga port of web2C	Scherer	419
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	239
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	522
amsaddr	Alter the position of affiliations in amsart	Lelong	308
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	474

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
amsbook	L <sup>A</sup> T <sub>E</sub> X document class for AMS books	The AMS	474
ambsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	476
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	476
amscdx	Enhanced commutative diagrams	Vermeer	503
amscs-doc	User documentation for AMS document classes	The AMS	474
amscs	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	474
amsfnts	TeX fonts from the American Mathematical Society	The AMS	474
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	251
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	474
amslatexdoc-vie...	Vietnamese translation of AMSL <sup>A</sup> T <sub>E</sub> X documentation	Huynh	259
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	474
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	206
amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	476
amsmidx	Support for multiple indexes in AMS Classes	The AMS	474
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	476
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	337
amsppt	AMS-TeX article preprint document style	The AMS	474
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	475
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	475
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	475
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	475
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	476
amsthm	Typesetting theorems (AMS style)	The AMS	475
analogclock	An analog ticking clock package for PDF output	Randez	393
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	469
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	228
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	521
annee-scolaire	Automatically typeset the academic year (French way)	Henel	247
annot-pro	Create text, stamp and file attachment annotations	Story	451
annotate-equations	Easily annotate math equations using TikZ	John	266
annotate	A bibliography style with annotations	Unknown	490
annotation-pkg	Suppress or permit annotations to a document	Hofmann	253
annotation	A BibTeX style that processes annotations	Unknown	490
anonchap	Make chapters be typeset like sections	Robertson, Wilson	401
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	143
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	201
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	521
answers	Setting questions (or exercises) and answers	Wright, Piff	531
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	356
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	151
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	179
anti	Typeset an anti-particle in maths mode	Holmes	255
antomega	Alternative language support for Omega/Lambda	Kryukov	296
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	359
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	360
anttf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbicki	523
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	270
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	460
ansize	A simple package to set up document margins	Esser	202
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	207
aomart	Typeset articles for the Annals of Mathematics	Veytsman	504
apa	American Psychological Association format	Protopapas	388
apa6	Format documents in APA style (6th edition)	Beitzel	146
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	441

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
apa7	Format documents in APA style (7th edition)	Weiss	521
apabst	Early APA BibTeX style	Rogers	406
apacite	Citation style following the rules of the APA	Meijer	336
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	414
apalike-german	A copy of apalike.bst with German localization	Braun	157
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	396
apasoft	An APA-like style for BibTeX	Porr	386
apeqnum	Number equations by appendix	Hosek	255
apl	Fonts for typesetting APL programs	Hohti, Kanerva	254
aplweb	Literate programming in APL	Schweigert	429
apnum	Arbitrary precision numbers implemented by TeX macros	Olšák	369
appelt-chess	Chess board macros using standard fonts	Unknown	490
appendix	Extra control of appendices	Robertson, Wilson	402
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	308
appendre-a-pro...	The book “Apprendre à programmer en TeX”	Tellechea	468
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	140
apptools	Tools for customising appendices	Kuhnert	298
apxproof	Proofs in appendix	Senellart	431
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	141
arabi-add	Using hyperref and bookmark packages with arabic and farsi languages	Lakhdar	301
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	261
arabic-book	An Arabic book class	Alziyadi	129
arabic	Read a lower-case roman number	Selberg	430
arabicfront	Frontmatter with arabic page numbers	Bezos López	313
arabluatex	ArabTeX for LuaLaTeX	Alessi	127
arabtex	Macros and fonts for typesetting Arabic	Lagally	300
arabxetex	An ArabTeX-like interface for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Charette, Khalighi, bidi-tex GitHub Organisation	172
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	245
aramaic	Fonts for Aramaic script	Wilson	524
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	171
arbeit	Typeset classwork exercises	Burkhardt	162
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	155
archaic	A collection of archaic fonts	Wilson, Zimmermann, Syropoulos	528
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
arcs	Draw arcs over and under text	Boggio-Togna	152
arev	Fonts and L <sup>A</sup> T <sub>E</sub> X support files for Arev Sans	Hartke	243
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	372
armtex	A system for writing in Armenian with TeX and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	183
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	435
aro-bend	Exercises in TeX, with answers	Downes	191
arosgn	Support for the Bengali language	Ali	128
around-the-bend	Typeset exercises in TeX, with answers	Downes, Wilson	192
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	533
arphic	Arphic (Chinese) font packages	Lemberg	308
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
arraycols	New column types for array and tabular environments	Missier	340
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	434
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	434
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	130



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arraysort	Sort arrays (or portions of them)	Lee	305
arrow	Eplain macros for commutative diagrams	Smith	441
ArsClassica	A different view of the ClassicThesis package	Pantieri	375
artex	Make filecontents environments of non-standard files or packages	Efford	197
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	476
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	344
artthreads	Support for article threads	Story	451
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
arXivBib	Get bibliography entries from arXiv.org	Forkosh	212
arydshln	Draw dash-lines in array/tabular	Nakashima	351
asaetr	Transactions of the ASAE	Pearson	378
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	458
asapsym	Using the free ASAP Symbol font with L <sup>A</sup> T <sub>E</sub> X and Plain T <sub>E</sub> X	Gessler	220
asc2tex	Retrieve text from screenshots	Götz	227
ascelike	Bibliography style for the ASCE	Kuhn	297
ascii-chart	An ASCII wall chart	Eijkhout	198
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	437
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	460
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	233
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	264
askinclude	Interactive use of \includeonly	Straub, Oberdiek	454
askmaps	Typeset American style Karnaugh maps	op den Brouw	159
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	310
asmejour	A template for ASME journal papers	Lienhard	311
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	141
aspell	Spell checker	Atkinson	134
assignment	A class file for typesetting homework and lab assignments	Singh	439
assoccnt	Associate counters, making them step when a master steps	Hupfer	258
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	490
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	299
astro	Astronomical (planetary) symbols	Schmitt	423
astron	BibTeX style for astronomical journals	Hogeveen	254
astyped	Verbatim environment, with rather few escapes	Unknown	490
asyfig	Commands for using Asymptote figures	Robertson	400
asymptote-by-ex...	Asymptote by example	Unknown	491
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	491
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	491
asymptote	2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language	Bowman, Hammerlindl	156
asypictureB	User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X	Staats III	259
at	Short commands starting '@'	Wooding	529
atari-cstex	TeX for Atari machines	Brandt	157
atbegshi	Execute stuff at \shipout time	Oberdiek	360
atenddvi	Provides the \AtEndDvi command	Oberdiek	360
atendofenv	Add a custom symbol at the end of an environment	Zhou	541
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	469
attachfile	Attach arbitrary files to a PDF document	Pakin	372
attachfile2	Attach files into PDF	Oberdiek	361
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	456
atveryend	Hooks at the very end of a document	Oberdiek	361
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	299
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	475

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	421
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	524
auncial	Artificial Uncial manuscript book-hand font	Wilson	524
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	225
aur1	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höffner	252
aurora	Header files for dvips to make colour separations	Freeman	215
authblk	Support for footnote style author/affiliation	Daly	184
authoraftertitle	Make author, etc., available after \maketitle	Bilger	149
authorarchive	Adds self-archiving information to scientific papers	Brucker	160
authordate	Author/date style citation styles	Rhead	398
authorindex	Index citations by author names	Wettstein	522
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	510
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	400
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	420
autoalign	Align terms and members in math expressions	Tellechea	468
autobreak	Simple line breaking of long formulae	Ueda	489
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	330
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	135
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	218
autolist	More lists	Shipunov	435
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	491
automata	Finite state machines, graphs and trees in MetaPost	Puppis	388
automatica	A harvard-family BibTeX style	Balemi	136
autonum	Automatic equation references	Häcker	236
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	522
autopict	The L <sup>A</sup> T <sub>E</sub> X picture mode, for use with Plain T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Carlisle	480
autopuncitems	Automatically punctuate lists	Ewasiuk	202
autosp	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	469
autotab	Generating tabulars from input data	Kruljac	296
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	491
autoview	Maintain a Ghostscript view of emacs buffer	Goel	224
auxhook	Hooks for auxiliary files	Oberdiek	361
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	189
aweb	Web system for programs written in Ada	Schweigert	429
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	187
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	180
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	503
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	179
<b>BBBBB</b>			
b1encoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	525
babel-albanian	Support for Albanian within babel	Bezoz López, Braams	315
babel-azerbaijani	Support for Azerbaijani within babel	Bezoz López	313
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	285
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Gareia	126
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	359
babel-bosnian	Babel contrib support for Bosnian	Halilčević	238
babel-breton	Babel contributed support for Breton	Rolland	406
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezoz López, Braams	154
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	235
babel-contrib	Contributed language-support files for Babel	various authors	501



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	372
babel-czech	Babel support for Czech	Bezoz López, Braams	315
babel-danish	Babel contributed support for Danish	Bezoz López, Braams	315
babel-dutch	Babel contributed support for Dutch	Bezoz López, Braams	315
babel-english	Babel support for English	Bezoz López, Braams	315
babel-esperanto	Babel support for Esperanto	Bezoz López, Braams, Martí	316
babel-estonian	Babel support for Estonian	Vajakas, Saar	500
babel-finnish	Babel support for Finnish	Bezoz López, Braams	315
babel-french	Babel contributed support for French	Flipo	210
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	141
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	399
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	436
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	392
babel-greek	Babel support for documents written in Greek	Syropoulos, Bezoz López, Braams, Milde	459
babel-hebrew	Babel support for Hebrew	Bezoz López, Braams, Lavva, Rosendahl	316
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	460
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezoz López	130
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezoz López	285
babel-interlingua	Babel support for Interlingua	Bezoz López, Braams	315
babel-irish	Babel support for Irish	Bezoz López, Braams	315
babel-italian	Babel support for Italian text	Bezoz López, Braams, Bec- cari, Codogno	316
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	260
babel-kurmanji	Babel support for Kurmanji	Bezoz López, Braams	315
babel-latin	Babel support for Latin	Wehr, Bezoz López, Braams, Beccari	521
babel-latvian	Babel support for Latvian	Lasis, Bezoz López	303
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	485
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezoz López	285
babel-norsk	Babel support for Norwegian	Bezoz López, Braams	316
babel-occitan	Babel support for Occitan	Valmary	500
babel-piedmontese	Babel support for Piedmontese	Beccari	141
babel-polish	Babel support for Polish	Bezoz López, Braams, Schalück, Janich, Woliński	316
babel-portuges	Babel support for Portuges	Bezoz López, Braams	316
babel-romanian	Babel support for Romanian	Bezoz López, Braams, Horst, Juhasz	316
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	141
babel-russian	Russian language module for Babel	Kotelnikov	293
babel-samin	Babel support for Samin	Bezoz López, Braams, Jernsletten	316
babel-scottish	Babel support for Scottish Gaelic	Bezoz López, Braams	316
babel-serbian	Babel/Polyglossia support for Serbian	Bezoz López, Braams, Ste- fanović	317
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	157
babel-slovak	Babel support for typesetting Slovak	Bezoz López, Braams, Chle- bíková, Tesařík	316
babel-slovenian	Babel support for typesetting Slovenian	Bezoz López, Braams	316

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-sorbian	Babel support for Upper and Lower Sorbian	Bezós López, Braams, Werner	317
babel-spanglish	Simplified Spanish support for Babel	Rivera	399
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	317
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	316
babel-thai	Support for Thai within babel	Karoonboonyanan	271
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	325
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	156
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	309
babel-welsh	Babel support for Welsh	Braams, Bezós López	156
babel	Multilingual support for L <sup>A</sup> T <sub>E</sub> X, LuaLaTeX, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, and Plain T <sub>E</sub> X	Bezós López, Braams	315
babelbib	Multilingual bibliographies	Harders, Preining	242
babeltools	Tools for dealing with Babel annoyances	Bezós López	313
babylonianum	Typeset Babylonian numerals with XeTeX	Pinson	384
backgrnd	Mark text with grey background or change bar	Schmitt	423
background	Placement of background material on pages of a document	Medina Arellano	130
backnaur	Typeset Backus Naur Form definitions	Robson	404
backref	Make hyper-references back from bibliography to citation	Oberdiek	361
backrefx	Bibliographical back referencing	Els	199
badge	Print badge labels	van Oostrum	370
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	278
bagpipe	Support for typesetting bagpipe music	Innis	260
bahyph	Hyphenation for Basque	Aguirregabiria	126
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	327
bakoma-games	BaKoMa modules for music and games	Malyshev	327
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	328
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	327
balance	Balanced two-column mode	Daly	184
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	491
balancedquotes	Code balanced quotes according to document language	Selberg	430
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	256
bangorcsthesis	Typeset a thesis at Bangor University	Gray	230
bangorexam	Typeset an examination at Bangor University	Gray	230
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	374
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	280
bar	A patched version of bar.sty	Bleser, Lang	150
barcodes-vulis	A font for making barcodes	Vulis	516
barcodes	Fonts for making barcodes	Willadt	524
bard	Celtic bardic runes font	Lüddecke	321
bardi	Hyphenation and babel support for Bardi	Bowern	156
bardiag	L <sup>A</sup> T <sub>E</sub> X package for drawing bar diagrams	Stepanyan	449
bargraph-js	Create bar graphs using form fields and JavaScript	Story	451
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	150
barracuda	Draw barcodes with Lua	Giacomelli	221
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	138
base	Definitive source of Plain T <sub>E</sub> X on CTAN	Knuth	286
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	222
bashkirian	Bashkirian extension to OT2 fonts	Knappen	284
basicarith	Macros for typesetting basic arithmetic	Goodman	226
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	299
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	231
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	394
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	432

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	432
basque-book	Class for book-type documents written in Basque	Ibarra	259
basque-date	Print the date in Basque	Ibarra	259
bath-bst	Harvard referencing style as recommended by the University of Bath Library	Ball	136
battleship	A L <sup>A</sup> T <sub>E</sub> X style file for typesetting Battleship logic puzzles	Kleber	280
baum	Trees, using PicTeX	Unknown	491
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	335
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	352
bbfig	Calculate and print bounding box	Batchelder, Cosell	139
bb12html	Convert a L <sup>A</sup> T <sub>E</sub> X .bbl file to formatted html code	Blok	151
bbm-macros	L <sup>A</sup> T <sub>E</sub> X support for "blackboard-style" cm fonts	Hilbrich	250
bbm	"Blackboard-style" cm fonts	Robert	400
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	255
bbold	Sans serif blackboard bold	Jeffrey	264
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	432
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	406
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	298
bclogo	Creating colourful boxes with logos	Chupin	176
bdfchess	Typeset correspondence chess games	Hassel	243
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	510
beamer-rl	Right to left presentation with beamer and babel	Bou	155
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	165
beamer-verona	A theme for the beamer class	Valbusa	500
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	339
beamer2thesis	Thesis presentations using beamer	Fiandrino	207
beamerappendixnote	Create notes on appendix frames in beamer	Semken	431
beameraudience	Assembling beamer frames according to audience	Marschall	329
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	455
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	177
beamerdarkthemes	Dark color themes for beamer	Thiriet	481
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	192
beamersubframe	Reorder frames in the PDF file	Kaufmann	272
beamerswitch	Convenient mode selection in Beamer documents	Ball	136
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	381
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	367
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	338
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	257
beamertheme-focus	A minimalist presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Africa	126
beamertheme-light	A minimal beamer style	Vergnet, Goepf	503
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	509
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	329
beamertheme-phn...	A simple beamer theme	Ol	368
beamertheme-pur...	A minimalistic presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Clasen	177
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	218
Beamertheme-Sim...	Template for a simple presentation	Huang	257
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	258
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	491
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	301
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	454
beamerthemeAmur...	A new modern beamer theme	Chupin	176
beamerthemeJLTree	Contributed beamer theme	Lelong	308

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
beamerthemelalic	A beamer theme for LALIC	Moreira	344
beamerthemenirma	A Beamer theme for academic presentations	Revar	397
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	518
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	540
bearwear	Shirts to dress TikZbears	Fischer	209
beaulivre	Write your books in a colorful way	XU	532
Beebe-DVI	A modular collection of DVI processors	Beebe	143
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	141
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	212
begriff	Typeset Begriffsschrift	Parsons	377
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	438
beletter	Typeset Belgian letters	Kilfiger, Lenaerts	278
belleek	Free replacement for basic MathTime fonts	Kinch	279
bellmac	Outline scheme for form letter production	Bell	146
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	394
bengali-pandey	Support for the Bengali language	Pandey, Das	375
bera	Bera fonts	Rosenau, Dirr, Schmidt	408
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	395
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	188
bestpapers	A BibT <sub>E</sub> X package to produce lists of authors’ best papers	Veytsman	504
betabel	Insert ancient greek text coded in Beta Code	Berkemeier	147
beton	Use Concrete fonts	Jensen	265
beuron	The script of the Beuronese art school	Wehr	520
bewerbung	Typesetting job applications	Hilbig	250
bez123	Support for Bezier curves	Robertson, Wilson	402
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	407
bfn-ci	Corporate Design for Bern University of Applied Sciences	Peischl	380
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	348
bg	Annotate backgammon matches and positions	Richter	398
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	154
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	399
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	241
bgqu	Improved quantifier stroke for Begriffsschrift packages	Green	231
BHCexam	An exam class for mathematics teachers in China	Bao	137
bib-fr	French translation of classical BibT <sub>E</sub> X styles	Markey	329
bib-greek	A BibT <sub>E</sub> X style for Greek documents	Syropoulos	458
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	215
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	460
bib2ml	BibT <sub>E</sub> X to HTML/SQL/XML translator	Galland	218
bib2xhtml	Convert BibT <sub>E</sub> X Files into XHTML	Spinellis, Hull	444
BibArts	“Arts”-style bibliographical information	Baumann	140
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	243
bibcard	An XView based interface for BibT <sub>E</sub> X databases	Grossniklaus, Ogden	234
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	390
bibclean	A BibT <sub>E</sub> X prettyprinter, verifier, etc	Beebe	143
bibdb	BibT <sub>E</sub> X bibliography manager for MS-Windows and MS-DOS	Doron	191
bibentry	Full bibliography entries in the main text of a document	Daly	184
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	160
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	279
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	279
biber-linux	Biber binaries for Linux	Kime	278
biber-macos	Biber binaries for MacOS	Kime	278
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	278

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	279
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	279
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	279
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	459
biber-windows	Biber binaries for Windows	Kime	279
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	279
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	234
bibexport	Extract a BibTeX file based on a .aux file	Markey	329
bibextract	Utilities to extract BibTeX data	Beebe	143
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	378
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	352
bibfind	Prints entries in your bib file that match search string	Breivik	158
bibhtml	BibTeX support for HTML files	Gray	230
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	201
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	329
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	135
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	409
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	279
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	279
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	157
biblatex-arthis...	BibLaTeX citation style covers the citation and bibliography guidelines for art historians	Bossert, Kemper	155
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	483
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	137
biblatex-bookin...	Manage book edited in article	Rouquette	409
biblatex-bookin...	Manage book edited in other entry type	Rouquette	409
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	510
biblatex-casper...	A simple citation style for Chinese users	Vector	502
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	395
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	530
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	217
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	409
biblatex-cv	Create a CV from BibTeX files	Shub	436
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	519
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	166
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	521
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	444
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	541
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	159
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	190
biblatex-historian	A BibLaTeX style	Gliboff	224
biblatex-ieee	IEEE style files for BibLaTeX	Wright	530
biblatex-ijjsra	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	155
biblatex-iso690	BibLaTeX style for ISO 690 standard	Hoftich	253
biblatex-jura	BibLaTeX stylefiles for German legal literature	Hard	240
biblatex-jura2	Citation style for the German legal profession	Christoph	176
biblatex-juradiss	BibLaTeX stylefiles for German law theses	Schwan, Voß	428
biblatex-license	Add license data to the bibliography	Wagner	516
biblatex-lncs	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	227
biblatex-lni	LNI style for BibLaTeX	Kopp	292



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biblatex-luh-ipw	BibL <sup>A</sup> T <sub>E</sub> X styles for social sciences	Heins	245
biblatex-manusc...	Manage classical manuscripts with BibLaTeX	Rouquette	409
biblatex-mla	MLA style files for BibLaTeX	Clawson	177
biblatex-morenames	New names for standard BibL <sup>A</sup> T <sub>E</sub> X entry type	Rouquette	409
biblatex-ms	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X (multiscript version)	Kime	279
biblatex-multip...	Load multiple datamodels in BibLaTeX	Rouquette	409
biblatex-musuos	A BibL <sup>A</sup> T <sub>E</sub> X style for citations in musuos.cls	Weh	520
biblatex-nature	BibL <sup>A</sup> T <sub>E</sub> X support for Nature	Wright	530
biblatex-nejm	BibL <sup>A</sup> T <sub>E</sub> X style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	129
biblatex-nottsc...	Citation style for the University of Nottingham	Bossert	155
biblatex-opcit...	Use op. cit. for the booktitle of a subentry	Rouquette	409
biblatex-oxref	BibL <sup>A</sup> T <sub>E</sub> X styles inspired by the Oxford Guide to Style	Ball	137
biblatex-philos...	Styles for using BibL <sup>A</sup> T <sub>E</sub> X for work in philosophy	Valbusa	500
biblatex-phys	A BibL <sup>A</sup> T <sub>E</sub> X implementation of the AIP and APS bibliography style	Wright	530
biblatex-publist	BibL <sup>A</sup> T <sub>E</sub> X bibliography support for publication lists	Spitzmüller	444
biblatex-readbbl	Read a .bbl file created by biber	Voß	510
biblatex-realau...	Indicate the real author of a work	Rouquette	409
biblatex-sbl	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	388
biblatex-science	BibL <sup>A</sup> T <sub>E</sub> X implementation of the Science bibliography style	Wright	530
biblatex-shortf...	Use short forms of fields with BibLaTeX	Rouquette	409
biblatex-social...	BibLaTeX-style for the social sciences at HU Berlin	Bossert	155
biblatex-software	BibL <sup>A</sup> T <sub>E</sub> X stylefiles for software products	Di Cosmo	181
biblatex-source...	References by “division” in classical sources	Rouquette	410
biblatex-spbasic	A BibL <sup>A</sup> T <sub>E</sub> X style emulating Springer’s old spbasic.bst	Voß	510
biblatex-subseries	Manages subseries with BibLaTeX	Rouquette	410
biblatex-swiss...	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	508
biblatex-trad	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	521
biblatex-true-c...	Correction of some limitation of the citepages=omit option of BibL <sup>A</sup> T <sub>E</sub> X styles	Rouquette	410
biblatex-unified	BibL <sup>A</sup> T <sub>E</sub> X implementation of the unified stylesheet for linguistics journals	von Fintel	209
biblatex-vancouver	Vancouver style for BibLaTeX	Mondal	343
BibLaTeX	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X	Lehman, Kime	306
biblatex2bibitem	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	135
BiBLE	A BibTeX library editor	Schreiber	425
bibleref-french	French translations for bibleref	Rouquette, Pinson	410
bibleref-german	German adaptation of bibleref	Waßenhoven	519
bibleref-lds	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	377
bibleref-mouth	Consistent formatting of Bible references	Parry	377
bibleref-parse	Specify Bible passages in human-readable format	Kuhnert	298
bibleref	Format bible citations	Talbot, Rouquette	466
bibletext	Insert Bible passages by their reference	Staps	448
biblio-perl	System for maintaining and presenting bibliographies	Stepanyan	449
biblio	A collection of bibliographies	Beebe	144
biblist	Print a BibTeX database	Schrod	425
biblook	Fast searching of BibTeX files	Erickson, Beebe	201
biblos	CGI interface to BibTeX files	Moller	343
bibmods	Tighter tolerances for bibliographies	Beebe	144
bibplain	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	206
bibsort	Sort a BibTeX bibliography file	Beebe	144
BibTeX-examples	Examples of BibTeX usage	Beebe	144
BibTeX Database...	A simple interactive script to generate BibTeX Files	Gupta	236
BibTeX-help	VMS help file for BibTeX	Greenwade	231
bibtex-test	BibTeX testing files	Beebe	144



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	377
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	274
BibTeXMng	Manipulate BibTeX database files	VNP Comp	509
bibtexperl	BibTeX Perl Libraries	Gossen, Veytsman	227
bibtexu	An adaptation of BibTeX 0.99 that supports Unicode via ICU	Haralambous, Japanese T <sub>E</sub> X Team, T <sub>E</sub> XLive	240
BibTool	A tool for manipulating BibTeX files	Neugebauer	352
bibttools	Bib management tools	Kotz, Gildea	294
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	139
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	426
bibunits	Multiple bibliographies in one document	Fernández, Hansen	206
bibutils	A collection of bibliography format convertors	Putnam	388
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	310
bibview	View BibTeX files	Jacobsen	263
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	375
bicaption	Support for bilingual captions	Sommerfeldt	443
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	432
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	274
bidi	Bidirectional typesetting in plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	274
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	275
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	275
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	275
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	275
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	275
bidstobibtex	Convert BIDS returns to BibTeX	Stone	450
bigdelim	Big delimiters in tabular or array	van Oostrum	370
bigfoot	Footnotes for critical editions	Kastrup	272
bigintcalc	Integer calculations on very large numbers	Oberdiek	361
bigints	Writing big integrals	Merciadri	337
bigsign	Making "big signs" (mini-posters)	Lingnau	311
bigstrut	Struts for opening up tabular spacing	van Oostrum	370
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	330
bigtabular	Tabulars that can split at page boundaries	Duchier	194
biihead	Underlined page headings	Shapin	431
bilingualpages	Typeset two columns in parallel	Coles	179
binarytree	Drawing binary trees using TikZ	Nikolova	358
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	272
binomexp	Calculate Pascal's triangle	Roderick	404
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	164
biocon	Typesetting biological species names	Edelman	197
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	435
biolett-bst	A BibTeX style for the journal "Biology Letters"	DeSouza	188
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	469
biolist	List observed species	Shipunov	436
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	136
bit2spr	Convert bitmaps to "sprites"	Rovner	411
bitelist	Split list, in T <sub>E</sub> X's mouth	Lück	319

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	481
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	270
bitpattern	Typeset bit pattern diagrams	Bourguet	155
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	456
bitset	Handle bit-vector datatype	Oberdiek	361
bitstrea	Support for use of Bitstream fonts	Unknown	491
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
bizcard	Typeset business cards	Kirsch	279
bjfuthesis	A thesis class for Beijing Forestry University	Liu	312
blackboard	Comparison of blackboard bold fonts	Kummer	298
blackletter	A blackletter font	Unknown	491
blackletter1	T1-encoded versions of Haralambous old German fonts	Bronger	159
blanks	Macros for "fill in the blanks" forms	Varian	501
blindtext	Producing 'blind' text for testing	Lickert	310
blkarray	Extended array and tabular	Carlisle	166
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	456
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	519
block	A block letter style for the letter class	Huang	257
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	482
bloques	Generate control diagrams	Ruiz	413
blowup	Upscale or downscale all pages of a document	Niepraschk	357
blox	Draw block diagrams, using TikZ	Reish	396
blue	A document preparation system	van der Laan	300
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	169
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	444
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	152
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	294
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	294
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	361
bmstu-iu8	A class for IU8 reports	Unknown	491
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	359
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	389
bnumexpr	Extends eTeX's \numexpr...\relax construct to big integers	Burnol	162
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	376
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	270
bohr	Simple atom representation according to the Bohr model	Niederberger	355
boisik	A font inspired by Baskerville design	Mitek	341
boites	Boxes that may break across pages	Zoonekynd, Malaquias	542
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	202
boldline	Heavier lines in tables	Shipunov	436
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	209
bondgraph	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	195
bondgraphs	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	212
book-examples	A collection of examples from published T <sub>E</sub> X-related books	Unknown	491
book-of-common-...	Typeset in the style of "Book of Common Prayer"	Coles	179
book	A class for typesetting books	L <sup>A</sup> T <sub>E</sub> X Team	476
bookcover	A class for book covers and dust jackets	Tómacs	484
bookdb	A BibTeX style file for cataloguing a home library	Wilson	525
bookest	Extended book class	Bresciani	158
bookform	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	335
bookhands	A collection of book-hand fonts	Wilson	525
booklet	Aids for printing simple booklets	Robertson, Wilson	402
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	361
bookshelf	Create a nice image from a BibTeX file	Flynn	212

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
booktabs-de	German version of booktabs	Römer, Manderla	407
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	193
booktabs	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	200
boolexpr	A boolean expression evaluator and a switch command	Chervet	174
boondox	Mathematical alphabets derived from the STIX fonts	Sharpe	432
bophook	Provides an At-Begin-Page hook	Tinnefeld	483
borceux	Diagram macros by François Borceux	Borceux	153
border	Draw a black border around a Plain T <sub>E</sub> X page	Briser	158
bosisio	A collection of packages by Francesco Bosisio	Bosisio	154
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	437
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	437
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	372
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	429
boxit-ltx	An environment for boxing things	van der Goot	227
boxit	Draw a box around a text	Unknown	491
bpchem	Typeset chemical names, formulae, etc	Pedersen	379
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	248
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	174
bracketkey	Produce bracketed identification keys	Heibl	244
braids	Draw braid diagrams with PGF/TikZ	Stacey	446
braille	Support for braille	Park, Unruh	376
braket	Dirac bra-ket and set notations	Arseneau	131
brandeis-disser...	Class for Brandeis University dissertations	Burt, Peck	164
brandeis-proble...	Document class for COSI Problem sets at Brandeis University (Waltham, MA)	Turner	488
brandeis-thesis	A class for Brandeis University M.A. theses	Burt	164
brclc	Support 16-bit (double) calculations in L <sup>A</sup> T <sub>E</sub> X	Radgen	389
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	256
breakurl	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	165
bredzenie	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	528
breqn	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	192
bridge-pln	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	300
bridge	Typesetting bridge diagrams	van der Laan	300
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	244
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	466
brushscr	A handwriting script font	Loreti	317
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	307
bsheaders	Double-ruled chapter heading style	Loreti	317
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	231
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	437
btable	Bordered tables	van der Laan	300
bt00L	Perl library for parsing and processing BibTeX files	Ward	519
bubblesort	Bubble sorts a list	Taylor	467
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown	491
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	337
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	372
burmese	Basic Support for Writing Burmese	Reese, Lepper	395
buscard	A document style for business cards	Roth	409
business-research	Markup for the journal Business Research	Löffler, Schanz	312
businesscard-qr...	Business cards with QR-Code	Wäckerlin	516
bussproofs-extra	Extra commands for bussproofs.sty	Zach	537
bussproofs	Proof trees in the style of the sequent calculus	Buss	164
BXbase	BX bundle base components	Yato	534

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bxcalc	Extend the functionality of the calc package	Yato	534
bxcjkatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	534
bxdp <sub>x</sub> -beamer	Dvipdfmx extras for use with beamer	Yato	534
bxdrvdriver	Enables specifying a driver option effective only in DVI output	Yato	535
bxeepic	Eepic facilities using pict2e	Yato	535
bxenclose	Enclose the document body with some pieces of code	Yato	535
BXghost	Ghost insertion for proper xkanjiskip	Asakura	134
BXjaholiday	Support for Japanese holidays	Asakura	134
BXjalipsum	Dummy text in Japanese	Yato	535
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	535
bxjatoucs	Convert Japanese character code to Unicode	Yato	535
BXjsccls	Japanese document class collection for all major engines	Yato	535
bxnewfont	Enhanced \newfont command	Yato	535
bxorigcapt	To retain the original caption names when using Babel	Yato	535
bxpapersize	Synchronize output paper size with layout paper size	Yato	535
bxpdfver	Specify version and compression level of output PDF files	Yato	535
bxtextlogo	Additional T <sub>E</sub> X-family logos	Yato	535
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	535
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	408
byrne	This package provides a set of tools to typeset geometric proofs in the style of Oliver Byrne’s 1847 ed. of Euclid’s “Elements”	Slyusarev	440
bytefield	Create illustrations for network protocol specifications	Pakin	372
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	181
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	500
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	429
c2cweb	C language prettyprinter	Lemberg	308
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	393
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
cachepic	Convert document fragments into graphics	Trzeciak	486
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	437
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	235
caladea	Support for the Caladea family of fonts	Tennent	469
calc	Simple arithmetic in L <sup>A</sup> T <sub>E</sub> X commands	L <sup>A</sup> T <sub>E</sub> X Team, Thorup, Jensen	481
calcage	Calculate the age of something, in years	Schneider	424
calctab	Language for numeric tables	Giacomelli	221
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	212
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	217
calendar-Barr	A calendar document	Barr	138
calendar	A package for calendars and timetables	Bennett	146
calendarweek	Calculate the week number of a date	Hoekwater	251
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	501
calligra	Calligraphic font	Vanroose, Dachian	501
callouts	Put simple annotations and notes inside a picture	Stuetz	455
calorie	Calorie checking for dieters	Aonuma	130
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	541
cals	Multipage tables with wide range of features	Parashchenko	376
calxxxx-yyyy	Print a calendar for a group of years	Münch	347
calxxxx	Prints a card-size calendar for any year	Jankovic	263
camel	Prototype work on future citation engine	Bennett	146
cancel	Place lines through maths formulae	Arseneau	131
canoniclayout	Create canonical page layouts with memoir	Beccari	141
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	343
capbas	Capital baseball “matrix printer” font collection	Bloemen	151
capparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	157

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
capt-of	Captions on more than floats	Fairbairns, Carlisle	202
captcont	Retain float number across several floats	Cochran	178
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	203
caption	Customising captions in floating environments	Sommerfeldt	443
caption2	Superseded version of the caption package	Sommerfeldt	443
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	355
card-set	Typeset text for cardfile cards	Potuček Jr.	269
card	Print visiting cards	Balemi	136
carlisle	David Carlisle's small packages	Carlisle	166
carlito	Support for Carlito sans-serif fonts	Tennent	469
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	267
carolmin	Carolingian Miniscule manuscript book-hand font	Wilson	525
cartonaugh	A Lua <sup>L</sup> TeX package for drawing karnaugh maps with up to 6 variables	Bouajjaj	155
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	375
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	137
cascover	Make cassette covers	Raaijmakers	389
cases	Numbered cases environment	Arseneau	131
casiofont	Support for the Casio ClassWiz font	Munn	348
cassette-shipunov	Print labels for audio cassettes	Shipunov	436
cassette	Typeset cassette box inserts	Strip	454
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	450
caslbl	Typeset cassette labels	Besson	149
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	188
catalan	Catalan hyphenation patterns	Wierda	523
catalanbib	Bibliographic styles for use in Catalan	Fuster	217
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	524
catchfile	Catch an external file into a macro	Oberdiek	361
catchfilebetween...	Catch text delimited by docstrip tags	Chervet	174
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	319
catdoc	Text extractor for word files	Wagner	516
catdvi	A DVI to plain text translator	Kaijanaho, Brill	270
catechis	Macros for typesetting catechisms	Goodman	226
catoptions	Preserving and recalling standard catcodes	Musa	350
causets	Draw causal set (Hasse) diagrams	Minz	340
cbcoptic	Coptic fonts and L <sup>A</sup> T <sub>E</sub> X macros for general usage and for philology	Beccari, Rosmorduc	143
cbe	Bibliography style for Council of Biology Editors format	Rogers	406
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	141
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	143
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	262
ccaption	Continuation headings and legends for floats	Robertson, Wilson	402
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	421
cchess	Chinese chess	Richer, Mittelbach	398
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	489
CClicenses	Typeset Creative Commons licence logos	Pignalberi	383
ccool	A key-value document command parser	Rogard	405
cd	Typeset CD covers	Vigna, Lemberg	507
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	491
cdcover	Typeset CD covers	Holm Christensen	176
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	198
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	337
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	333
cell	Bibliography style for Cell	Schneider	424
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	399



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cellspace	Ensure minimal spacing of table cells	Noirel	358
cellular	Cellular table construction	Pittman	384
cellwise	Building tables one cell at a time	Borck-Elsner	153
celtic	A TikZ library for drawing celtic knots	Stacey	446
sensor	Tools for producing redacted documents	Segletes	430
centeredline	A macro for centering lines	Burnol	162
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	214
centernot	Centred \not command	Oberdiek	361
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	262
cesenaexam	A class file to typeset exams	Pacini	372
cfguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	477
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	395
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	395
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	156
changelayout	Change the layout of individual pages and their text	Musa	350
changelog	Provides a changelog environment	Turner	488
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	402
changes	Manual change markup	Kleinod	283
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	203
chapref	Bibliography details per chapter	Knaggs	284
chapterbib	Multiple bibliographies in a document	Arseneau	131
chapterfolder	Package for working with complicated folder structures	Mathieu	330
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	469
charter	Charter fonts	Bitstream	150
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	425
chbibref	Change the Bibliography/References title	Wilson	525
cheatsheet	A simple cheatsheet class	Hinrichs	251
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	199
check	A syntax checker and tidier	Grothmann	234
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gre- gorio	171
checkend	Extend “improperly closed environment” messages	Bezos López	313
checklab	A patch for the label-checking code	Fairbairns, Carlisle	203
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	156
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	250
chemarr	Arrows for chemists	Oberdiek	361
chemarrow	Arrows for use in chemistry	Schroeder	426
chembst	A collection of BibTeX files for chemistry journals	Schenk	419
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	419
chemcono	Support for compound numbers in chemistry documents	Schulz	427
chemexec	Creating (chemical) exercise sheets	Niederberger	355
chemfig	Draw molecules with easy syntax	Tellechea	468
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	355
chemgreek	Upright Greek letters in chemistry	Niederberger	355
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	355
chemnum	A method for numbering chemical compounds	Niederberger	355
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	533
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	205
chemscheme	Support for chemical schemes	Wright	530
chemschemex	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	437
chemsec	Automated creation of numeric entity labels	Finnerty	209



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemstruct	Structural organic chemistry	Ramek	392
chemstyle	Writing chemistry with style	Wright	530
chemsym	Macros for typing chemical symbols	Dahlgren	183
chemtex	Structural chemistry	Haas	236
chex	Adobe chess font	Renner	397
cherokee	A font for the Cherokee script	Stanier	447
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	252
chess	Fonts for typesetting chess boards	Tutelaers	488
chessboard	Print chess boards	Fischer	209
chessfss	A package to handle chess fonts	Fischer	209
chessmin	Minimal chess diagrams	Blair	150
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	449
chextras	A companion package for the Swiss typesetter	Oriet	370
chgbar	Draw change bars in the margin	Johnson	266
chhaya	Linguistic glossing in Marathi language	Unknown	491
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	300
chicago	A "Chicago" bibliography style	Glenn	223
chicagoa	"Chicago" bibliography style with annotations	Glenn	224
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	485
chifoot	Chicago-style footnote formatting	Miller	339
childdoc	Directly compile \include'd child documents	Beisert	145
china2e	Font and macros for Chinese calendar	Heyl	250
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	492
chinesechess	Typeset Chinese chess with l3draw	Geng	219
chitex	A Chinese T <sub>E</sub> X system	Chen	173
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	201
chkfloat	Warn whenever a float is placed "to far away"	Hejda	245
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	308
chktex	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	481
chletter	Class for typesetting letters to Swiss rules	Oriet	370
chngcntr	Change the resetting of counters	Robertson, Wilson	402
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	402
chomsky	Macros to typeset parsing trees	Barr	138
chordbars	Print chord grids for pop/jazz tunes	Kramm	294
chordbox	Draw chord diagrams	Franzen	214
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	274
chronology	Provides a horizontal timeline	Wiseman	528
chronosys	Drawing time-line diagrams	Long	313
chs-physics-report	Physics lab reports for Carmel High School	Zhang	540
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	438
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	295
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	469
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	304
circle	Maths mode circles for temporal logic	Barthelmann	138
circledsteps	Typeset circled numbers	Giannetti	221
circledtext	Create circled text	Geng	219
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	130
CircuiTikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt,	394
		Giannetti	
cirth	Fonts for Cirth	Habets, Grant	236
citation-style-...	Bibliography formatting with Citation Style Language	Lee	306
cite-bundle	Citation management bundle	Arseneau	131
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	131
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	210
citeref	Add reference-page-list to bibliography-items	Briel	158

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
citesidx	Produce a citation list for the bibliography	Buchholz	160
CJ	BibTeX style for Computer Journal	Gärtner	219
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	352
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	269
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	308
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	387
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	278
cjk	CJK language support	Lemberg	308
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	540
cjw	A bundle of packages and classes	Wynne	531
clara	A serif font family	Miller	339
classes	The source of L <sup>A</sup> T <sub>E</sub> X's standard classes	L <sup>A</sup> T <sub>E</sub> X Team	477
classico	URW Classico fonts	Tennent	469
classics	Cite classic works	Lourenço de Lima	311
ClassicThesis	A "classically styled" thesis package	Miede	338
classif2	Biological classification tables	Shipunov	436
classlist	Record classes used in a document	Oberdiek	361
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	212
cleanthesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	302
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
clefval	Key/value support with a hash	Henel	247
cleveref	Intelligent cross-referencing	Cubitt	182
clicks	Slide Deck Animation	Bugayenko	161
clip	A language-independent literate programming tool	Van Ammers, Kramer	129
clipboard	Copy and paste into and across documents	Lourenço de Lima	311
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	405
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	180
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	302
closefrm	Tidy up after reading a MetaPost file	Vieth	507
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	216
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	226
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	181
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	181
clrstrip	Place contents into a full width colour strip	Spratte	445
clsguide	Documentation of L <sup>A</sup> T <sub>E</sub> X class and package writing	L <sup>A</sup> T <sub>E</sub> X Team	477
cluttex	An automation tool for running L <sup>A</sup> T <sub>E</sub> X	Arata	130
cm-afm	Adobe Font Metrics for the CM fonts	MacKay	325
cm-gf	Generate GF format for CM	Ramsdell	393
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	296
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	272
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	383
cm-mf	Sources of the Computer Modern fonts	Knuth	286
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	286
cm-super	CM-Super family of fonts	Volovich	510
cm-tfm	Metric files for the Computer Modern fonts	Knuth	286
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	375
cm	Computer Modern fonts	Knuth	286
cmactex	TeX for the Macintosh	Kiffe	277
cmap	Make PDF files searchable and copyable	Volovich, Krüger	510
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	199
cmastro	Font for planetary symbols	Unknown	492
cmathbb	Computer modern mathematical blackboard bold font	Chao	172
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	421
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	380

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	224
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	242
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	242
cmdstring	Get command name reliably	Noirel	358
cmdtrack	Check used commands	Downes	191
cmextra-latex	Install macros for "standard" fonts not used by L <sup>A</sup> T <sub>E</sub> X itself	L <sup>A</sup> T <sub>E</sub> X Team	477
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	467
cmll	Symbols for linear logic	Beffara	145
cmoeofont	Old English glyphs to go with Computer Modern	Bradfield	156
cmolddig	Virtual fount setup for using old style digits	McDonnell	333
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	247
cmpica	A Computer Modern Pica variant	Hosek	255
cmpj	Style for the journal Condensed Matter Physics	Shvaika	436
cms4talks	Content Management System for Talks	Nebendahl	352
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	421
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	542
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	448
cmtest	CM fonts test sources	Knuth	286
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	542
cmtt	A package for handling the cmtt font better	Wooding	529
CM Type3	Type 3 outline versions of the CM fonts	Toal	483
cmupint	Upright integral symbols for Computer Modern	Stefanović	448
cmxk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	152
cnbwp	Typeset working papers of the Czech National Bank	Wagner	516
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	355
cnweb	Simple "quality" printing of C sources	Fox	213
cntdwn	Support for countdowns, and for clocks in any timezone	Story	451
cntformats	A different way to read counters	Niederberger	355
cntperchap	Store counter values per chapter	Hupfer	258
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	432
code	Typeset "code" in verbatim	Ferguson	206
code128	Barcode macros for the Code 128 standard	Olšák	369
codeanatomy	Typeset code with annotations	Bùi	162
codebox	Highlighted source code in a fancy box	Geng	219
codedoc	L <sup>A</sup> T <sub>E</sub> X code and documentation in L <sup>A</sup> T <sub>E</sub> X-format file	Isambert, Robbers	260
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	324
codepage	Support for variant code pages	Aubord	134
codesection	Provides an environment that may be conditionally included	Pospiech	386
codicefiscaleit...	Test the consistency of the Italian personal Fiscal Code	Beccari	142
coelacanth	Coelacanth fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
coffeestains	Add coffee stains to documents	Bideault	149
collcell	Collect contents of a tabular cell as argument to a macro	Scharrer	417
collect	Collect text for later re-use	Sauer	416
collectbox	Collect and process macro arguments as boxes	Scharrer	417
collref	Collect blocks of references into a single reference	Beisert	145
colonequals	Colon equals symbols	Oberdiek	361
colophon	Provides commands for producing a colophon	Goodman	226
color-edits	Colorful edits for multiple authors of a shared document	Kempe	274
color	Colour control for L <sup>A</sup> T <sub>E</sub> X documents	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
colordoc	Coloured syntax highlights in documentation	Garcia-De Castro	170
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	237
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	263
colorframed	Fix color problems with the package "framed"	Burnol	162
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	357
coloring	Define missing colors by their names	Hu	257

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
colorist	Write your articles or books in a colorful way	XU	532
colorprofiles	Collection of free ICC profiles	Preining	387
colors	Simple colour-selection commands	Knight	285
colorsep	Color separation	Rahtz	390
colospace	Provides PDF color spaces	Bezos López	313
colortab	Shade cells of tables and halign	Van Zandt, Voß	538
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	166
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	171
colorwav	Colours by wavelength of visible light	Setzer	431
colorweb	Extend the color package colour space	Beach	141
colourchange	Colourchange	Bradley	157
combelow	Typeset "comma-below" letters, as in Romanian	Pignalberi	383
combine	Bundle individual documents into a single document	Robertson, Wilson	402
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	423
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	210
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	343
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	253
comicsans	Use Microsoft Comic Sans font	Pakin	373
comma	Formats a number by inserting commas	Carlisle	166
commodo	Expandable iteration on comma-separated and filename lists	Lück	319
commath	Mathematics typesetting support	Putschögl	389
comedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	504
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	127
comment	Selectively include/exclude portions of text	Eijkhout	198
comment_io	A Python script to comment and uncomment lines	Larsson	303
committee-font	A font designed by a committee	Unknown	492
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	389
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	157
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	517
compact-symbols	Compact lists of symbols	Sermutlu	431
compactbib	Multiple thebibliography environments	Lejay	307
compare	Compare two strings	McManus	334
competences	Track skills of classroom checks	Bares	137
complexity	Computational complexity class names	Bourke	155
components	Components of T <sub>E</sub> X	Schrod	425
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	374
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	456
computational-c...	Class for the journal Computational Complexity	Nüsken	360
computer-typeese...	Content of the book Computer Typesetting Using L <sup>A</sup> T <sub>E</sub> X	Baldin	136
concepts	Keeping track of formal 'concepts' for a particular field	Helvensteijn	246
concmath-fonts	Concrete mathematics fonts	Vieth	507
concmath-otf	Concrete based OpenType Math font	Flipo	210
concmath	Concrete Math fonts	Vieth	507
concprog	Concert programmes	Brodnik	159
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	244
concrete	Concrete Roman fonts	Knuth	286
CondiTeXt	Define and manage conditional content	Brabant	156
confproc	A set of tools for generating conference proceedings	Verfaille	502
consdiag	A utility for OO programming documentation	Algaba	128
constants	Automatic numbering of constants	Lejay	307
conteg	Typeset multiline continued equalities	Breitner	158
context-account	A simple accounting package	Schuster	427
context-algorit...	Algorithm handling in ConTeXt	Schuster	427
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	427
context-annotation	Annotate text blocks	Schuster	427

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-bnf	A BNF module for ConTeXt	Weibull	521
context-chromato	ConTeXt macros for chromatograms	Münster	348
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	348
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	348
context-constru...	Construction plans in ConTeXt	Münster	348
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	220
context-degrade	Degrading JPEG images in ConTeXt	Münster	349
context-fancybreak	Overfull pages with ConTeXt	Schuster	427
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	326
context-fixme	Make editorial marks on a document	Schuster	428
context-french	Support for writing French in ConTeXt	Münster	349
context-fullpage	Overfull pages with ConTeXt	Schuster	428
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	397
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	338
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	238
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	349
context-layout	Show ConTeXt layouts	Gundlach	235
context-letter	ConTeXt package for writing letters	Schuster	428
context-lettrine	A ConTeXt implementation of lettrines	Hoekwater, Flipo	251
context-lilypond	Lilypond code in ConTeXt	Creutzig	182
context-mathsets	Set notation in ConTeXt	Mahajan	326
context-notes-z...	Notes on using ConTeXt MkIV	Li	310
context-rst	Process reStructuredText with ConTeXt	Gesang	220
context-ruby	Ruby annotations in ConTeXt	Schuster	428
context-sgf	A Go system in ConTeXt	Chen, Schuster	174
context-simplef...	Simplified font usage for ConTeXt	Schuster	428
context-simples...	A module for preparing presentations	Mahajan, Schmitz	327
context-taspresent	Simple presentations using ConTeXt	Schmitz	423
context-title	Place document titles	Schuster	428
context-top-ten	The "top ten" ConTeXt commands	Corsair	181
context-transli...	Transliterate text from 'other' alphabets	Gesang	220
context-typearea	Something like Koma-Script typearea	Münster	349
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	428
context-URWGara...	ConTeXt support for URW Garamond font	Münster	349
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	251
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	327
context-visualc...	Visual display of ConTeXt counters	Mahajan	327
context	The ConTeXt macro package	Hagen	237
continue	Prints 'continuation' marks on pages of multipage documents	Wilson, Robertson	527
contour	Print a coloured contour around text	Harders, Høgholm	242
contracard	Generate calling cards for dances	Whited	522
conv-xkv	Create new key-value syntax	Story	451
convbkmk	Correct latex/uplatex bookmarks in PDF created with hyperref	Tanaka	466
convert	Generate Knuthian encoding for text files	Raichle	392
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	508
cooking	Typeset recipes	Reichert	395
cookingsymbols	Symbols for recipes	Harder	240
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	222
cool	Content-Oriented L <sup>A</sup> T <sub>E</sub> X	Setzer	431
coolfn	Typeset long legal footnotes	Granet	229
coollist	Manipulate Content Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	431
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	431
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	217



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	373
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	531
cooperhewitt	LaTeX, pdfLaTeX, Xe <sub>La</sub> TeX and Lua <sub>La</sub> TeX support for the Cooper Hewitt family of sans serif fonts	Tennent	470
coordsys	Draw cartesian coordinate systems	Hansen	239
copac-clean	Automatic editing of Copac/BibTeX records	Milanese	338
coptic	Coptic Fonts	Rosmorduc	408
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	390
copypaste	Copy and paste into and across documents	Lourenço de Lima	311
copyrightbox	Provide copyright notices for images in a document	van der Flaas	210
corelfonts	An installation script for Corel Ventura fonts	McClelland	333
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	483
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	528
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	470
correctmathalign	Correct spacing of the alignment in expressions	Kieda	276
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	383
corridx-latex	Correct index entries for chemical compounds	Fink	209
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	209
coseoul	Context sensitive outline elements	Teubner	473
countito	Make use of count1 to count9	Schröder, Peischl	426
countriofeurope	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	542
counttexruns	Count compilations of a document	Schneider	424
courier scaled	Provides a scaled Courier font	Schulz	427
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	259
couriertn	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	339
courseoutline	Prepare university course outlines	Gall	218
coursepaper	Prepare university course papers	Gall	218
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	293
covfonts	Make Apostrophic Laboratories’s Covington fonts available to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Pakin	373
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	445
cprog	Typeset C programs	McManus	335
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	211
cprotectinside	Use cprotect arbitrarily nested	user202729	499
cpssp	Draw protein secondary structures	Skala	440
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	294
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	518
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	541
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	275
create-struktex	Create struktex code	Lenser	309
create-theorem	Multilingual support for theorem-like environments	XU	532
creftthe	Cross referencing with proper definite articles	XU	532
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	542
crop	Support for cropmarks	Franz, Thomas	214
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	490
cropmark	Crop marks on \shipout	Eijkhout	198
cropmarks-pt	Philip Taylor’s cropmarks macros	Taylor	467
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	467



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
crossrefenum	Smart typesetting of enumerated cross-references for various T <sub>E</sub> X formats	Dumont	194
crossreference	Crossreferences within documents	Filby	207
crossreftools	Expandable extraction of cleveref data	Hupfer	258
crossrefware	Scripts for working with crossref.org	Veytsman	504
crosstex	Bibliography management tool	Burgess, Sirer	162
crossword	Typeset crossword puzzles	Neugebauer	352
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	273
crudetyp	Line printer output from DVI files	Damerell	185
crumbs	Add a Navigation Path to the page header	Bugayenko	161
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	300
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	341
cryst	Font for graphical symbols used in crystallography	Müller	346
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	139
csbulletin	L <sup>A</sup> T <sub>E</sub> X class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	359
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	369
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	359
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	384
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	542
csname-doc	A list of plain.tex cs names	Unknown	492
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	369
cspsfonts	Czech/Slovakian PostScript font support	Olšák, Wagner	369
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	180
csquotes	Context sensitive quotation facilities	Lehman, Wright	307
css-colors	Named colors for web-safe design	Buxbaum	165
CSTeX	Support for Czech/Slovak languages	Olšák	369
cstypo	Czech typography rules enforced through LuaT <sub>E</sub> X hooks	Haisman	237
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	348
csvmerge	Merge T <sub>E</sub> X code with csv data	Taylor	467
csvsimple	Simple CSV file processing	Sturm	455
csvtolatex	Link spread sheets to L <sup>A</sup> T <sub>E</sub> X	Pietsch	382
csvtools	Reading data from CSV files	Talbot	461
csx	Computer Sanskrit/(Extended) coding support on MS-DOS	Wujastyk, Friedlander	531
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	186
ctablestack	Catcode table stable support	L <sup>A</sup> T <sub>E</sub> X Team	477
ctan-bibdata	Bibliography data for all CTAN packages	Voß	510
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	353
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	152
ctanbib	Export CTAN entries to bib format	Hoftich	253
ctanify	Prepare a package for upload to CTAN	Pakin	373
CTAN tools	A jiffy to search CTAN file list	Huynh	259
ctanupload	Support for users uploading to CTAN	Scharrer	417
ctex-faq	L <sup>A</sup> T <sub>E</sub> X FAQ by the Chinese T <sub>E</sub> X Society (ctex.org)	Wu	531
ctex	L <sup>A</sup> T <sub>E</sub> X classes and packages for Chinese typesetting	Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen	305
ctib4tex	Tibetan for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub>	Corff	180
ctie	C version of tie (merging Web change files)	Gilbey	222
cuisine	Typeset recipes	Cohen	178
cun	A cuneiform font	Grant	229
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	408

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
currency	Format currencies in a consistent way	Lejay	308
currfile	Provide file name and path of input files	Scharrer	417
currvita	Typeset a curriculum vitae	Reichert	395
cursoatex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	166
cursor	Draw a cursor in an equation	Spit	444
CurVe	A class for making curriculum vitae	Verna	503
curve2e	Extensions for package pict2e	Beccari	142
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	MacLaine-Cross	325
custom-bib	Customised BibTeX styles	Daly	184
customdice	Simple commands for drawing customisable dice	Rowlett	411
cuted	Mixing onecolumn and twocolumn modes	Tolušis	484
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	527
cv	A package for creating a curriculum vitae	Maier	327
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	228
cvss	Compute and display CVSS base scores	Vivegnis	509
CVsty	Yet another style for easy CV pagination	Pereira	380
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	425
cweb	A Web system in C	Knuth, Scherer, Levy	288
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	420
cweb-hy	Insert hyperlinks for included files	Melendez	336
cwebx	A system for Structured Software Documentation in C	van Leeuwen	306
cyber	Annotate compliance with cybersecurity requirements	Jennings	265
cybercic	“Controls in Contents” for the cyber package	Jennings	265
cyklop	The Cyclop typeface	Nowacki	360
cyriot	A script which was used on Cyprus for writing Greek	Wilson	525
cyriote	A font for ancient Cypriot Greek inscriptions	Stanier	447
cyrguide	Documentation of L <sup>A</sup> T <sub>E</sub> X Cyrillic-alphabet features	Volovich, Lemberg, L <sup>A</sup> T <sub>E</sub> X Team	510
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	271
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	144
cyr tug	EmTeX as distributed by CyrTUG	Goossens	227
czhyph	Hyphenation patterns for Czech	Unknown	492
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	308
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	240
dancers	Font for Conan Doyle’s “The Dancing Men”	Stanier	447
dante-book-reviews	Book reviews published in DANTE’s journal	Faulhammer	205
dantelogo	A font for DANTE’s logo	Voß, Höppner	514
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	186
dashbox	Draw dashed boxes	Thomas	481
dashrule	Draw dashed rules	Pakin	373
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	341
dataref	Manage references to experimental data	Dietrich	189
datatool	Tools to load and manipulate data	Talbot	461
datatooltk	A Java GUI for preparing datatool input	Talbot	461
datax	Import individual data from script files	Gustavsson	236
dateiliste	Extensions of the \listfiles concept	Ebermann	196
datenumber	Convert a date into a number and vice versa	Schröder	426
datepicker-pro	Create a popup datepicker using SWF	Story	451
dates	Macros for parsing date strings	Bennett	147
dates209	Flexible date macros	Clark	177
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	492
datetime	Change format of \today with commands for current time	Talbot	461
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	461
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	465

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-breton	Breton language module for the datetime2 package	Talbot	461
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	461
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	461
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	465
datetime2-czech	Czech language module for the datetime2 package	Talbot	461
datetime2-danish	Danish language module for the datetime2 package	Talbot	461
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	461
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	461
datetime2-english	English language module for the datetime2 package	Talbot	461
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	461
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	461
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	500
datetime2-french	French language module for the datetime2 package	Talbot, Patience	465
datetime2-galician	Galician language module for the datetime2 package	Talbot	461
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	465
datetime2-greek	Greek language module for the datetime2 package	Talbot	462
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	462
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	462
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	462
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	194
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	465
datetime2-latin	Latin language module for the datetime2 package	Talbot	462
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	462
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	462
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	462
datetime2-polish	Polish language module for the datetime2 package	Talbot	462
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	462
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	466
datetime2-russian	Russian language module for the datetime2 package	Talbot	462
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	462
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	462
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	466
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	462
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	462
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	462
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	462
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	463
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	466
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	463
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	463
datetime2	Formats for dates, times and time zones	Talbot	461
dayofweek	Calculate day of week, phase of moon	Minow	340
DayRoman	The Day Roman typeface	Schmidt, Harcombe	421
daytime	Print time of day	Orlandini, Greenwade	370
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	375
dblfloatfix	Fixes for twocolumn floats	Høgholm	254
dblfnote	Double-column footnotes	Nakashima	351
dblfont	Blackboard bold font package	Bosisio	154
DB_process	Process database output	Eijkhout	198
dbshow	A package to store and display data with custom filters, orders, and styles	Li	310
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	137
dco	Use the DC fonts with old-style numerals	Kirsch	279
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
dcounter	Support dynamic counters	Rozhenko	412

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	389
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	325
de-macro	Expand private macros in a document	Gács	217
debate	Debates between reviewers	Bugayenko	161
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	460
decision-table	An easy way to create Decision Model and Notation decision tables	Vandeveldt, Pantigny	500
declare	Declare register names locally	Pittman, Burleson	384
decorule	Decorative swelled rule using font character	Flynn	212
decsci	BibT <sub>E</sub> X style for the journal Decision Sciences	Rubin	413
dectab	Align columns on a decimal point	Franklin	214
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	266
deflist	A variation on the description environment	Unknown	492
defstring	Define macros as verbatim macros	Unknown	492
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	349
dehyph-exptl	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	309
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	309
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	510
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	205
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
deleq	Flexible numbering of equations	Dahlgren	183
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	519
delim	Simplify typesetting mathematical delimiters	Majewsky	327
delimseasy	Delimiter commands that are easy to use and resize	Graham	228
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	145
delimtxt	Read and parse text tables	Pedersen	379
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	216
denisbdoc	A personal dirty package for documenting packages	Bitouzé	150
deproc	Macros for DECUS proceedings articles	Beeton	144
derivative	Nice and easy derivatives	Jensen	266
desclist	Extended “description” lists	Rozhenko	412
designcon	Develop DesignCon papers	Pupalaikis	388
detex	Strip T <sub>E</sub> X from a source file	Trinkle	486
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	235
devanagari-omega	Typeset Devanagari with Omega	Unknown	492
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	517
development	BibT <sub>E</sub> X style file for the journal Development	Eglen	197
dfgproposal	Support for writing proposals to the DFG	Kohlhase	289
dhua	German abbreviations using thin space	Lück	319
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	233
diadia	Package to keep a diabetes diary	Kleber	280
diagbox	Table heads with diagonal lines	Liu	312
diagmac	A diagram drawing package	Reynolds	398
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	473
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	180
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	221
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	475
diagxy	Diagram macros by Michael Barr	Barr	138
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	191
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	456
dice	A font for die faces	Heim	244
dichokey	Construct dichotomous identification keys	Dam	184
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	463
dictsym	DictSym font and macro package	Schmidt, Harcombe	421

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
diffcoeff	Write differential coefficients easily and consistently	Parsloe	377
digicap-pro	Creates captions to digital photos	Story	451
digiconfigs	Writing "configurations"	Madsen	325
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	468
dimnum	Commands for dimensionless numbers	Clemente	177
din1505	Bibliography styles for German texts	Lorenzen, Baumann	317
dinat	Bibliography style for German texts	Baumann	140
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	164
dinbrief	German letter DIN style	Braune, Gussmann	157
dingbat	Two dingbat symbol fonts	Henderson, Pakin	247
directory	An address book using BibTeX	Geuzaine	220
directtex	TeX for the Macintosh	Ricken	398
dirtree	Display trees in the style of windows explorer	Charpentier	172
dirtytalk	A package to typeset quotations easier	Klammner	280
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	295
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	489
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	328
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	504
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	539
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	267
dkhyphen	Danish hyphenation patterns	Jensen	265
dktools	Tools and libraries by Dirk Krause	Krause	294
dlfltxb	Macros related to "Introduktion til L <sup>A</sup> T <sub>E</sub> X"	Madsen	325
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	456
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	492
dnaseq	Format DNA base sequences	Pedersen	379
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	249
doafter	Do things after a group	Wooding	529
doc-pictex	A summary list of PicTeX documentation	Lück	319
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
docarc	Multi-user distributed bibliographic database system	Kieling	277
docassembly	Use the Acrobat JavaScript API	Story	451
docbytex	Creating documentation from source code	Olšák	369
doclicense	Support for putting documents under a license	Schneider	424
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	402
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	486
docshots	TeX samples next to their PDF Snapshots	Bugayenko	161
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	195
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	386
documentation	Documentation support for C, Java and assembler code	Morales	344
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	339
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	504
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	442
doipubmed	Special commands for use in bibliographies	Talbot	463
domitian	Drop-in replacement for Palatino	Miller	339
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	420
dosepsbin	Deal with DOS binary EPS files	Oberdiek	361
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	205
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	205
dotarrow	Extendable dotted arrows	Schneider	424
dotlessi	Provides dotless i's and j's for use in any math font	Bezos López	314
dotlessj	Generates a dot-less j	Carlisle	166
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	131
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	293



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
doublecol	Double-column page macros for Plain $\TeX$	Unknown	492
doublespace	Double space environment	Page	372
doublestroke	Typeset mathematical double stroke symbols	Kummer	298
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	492
dow	Calculate day of week from a numeric date	Unknown	492
dowith	Apply a command to a list of items	Lück	319
download	Allow $\LaTeX$ to download files using an external process	Sigurdhsson	438
dox	Extend the doc package	Verna	503
dozenal	Typeset documents using base twelve numbering (also called “dozenal”)	Goodman	226
DPcircling	Decorated text boxes using TikZ	Mitsuaki	341
dpfloat	Support for double-page floats	Fox	213
dprogress	LaTeX-relevant log information for debugging	Amberg	129
dps	Create a “matching” game with a hidden message	Story	451
drac	Declare active character substitution, robustly	Henel, Noirel	248
draft	A $\LaTeX$ 2.09 style for supporting work on drafts	Baker	136
draftcopy	Identify draft copies	Vollmer	509
draftfigure	Replace figures with a white box and additional features	Bossert	155
drafthead	Mark “DRAFT” in page headers	Page	372
draftmark	Put draft marks on selected pages	Musa	350
draftwatermark	Put a grey textual watermark on document pages	Callegari	165
drama	Production-style stage script in $\LaTeX$	Swift	456
dramatist	Typeset dramas, both in verse and in prose	Dominici	190
dratex	General drawing macros	Gurari	236
drawing	Simple drawings with Metafont	Wagner	516
drawmatrix	Draw visual representations of matrices in $\LaTeX$	Peise	380
drawstack	Draw execution stacks	Moy	345
drcaps	Simple dropped capitals	Shipunov	436
drftcite	Print the bibliography in “draft” mode	Arseneau	131
drm	A complete family of fonts written in Metafont	Goodman	226
droid	$\LaTeX$ support for the Droid font families	El Morabity, Matteson	344
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	414
drop	Dropped capitals at the start of a paragraph ( $\LaTeX$ 2.09)	Cantor, Wujastyk	166
dropcaps	Use dropped capitals to start a paragraph	Lauwers	304
dropping	Drop first letter of paragraphs	Dahlgren	183
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	189
drv	Derivation trees with MetaPost	Méhats	336
dspticks	Macros for Digital Signal Processing plots	Prandoni	387
DSSerif	A double-struck serified font for mathematical use	Sharpe	432
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	354
dtk-bibliography	Bibliography of “Die $\TeX$ nische Komödie”	Ziegenhagen	541
dtk	Document class for the journal of DANTE	Voß, Niepraschk	515
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	483
dtxdescribe	Describe additional object types in dtx source files	Dunn	195
DTX gallery	A small collection of minimal DTX examples	Robertson	400
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	186
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	373
ducksay	Draw ASCII art of animals saying a specified message	Spratte	445
duckuments	Create duckified dummy content	Spratte	445
duerer-LaTeX	$\LaTeX$ support for the Duerer fonts	Jørgensen	267
duerer	Computer Duerer fonts	Hoenig	251
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	242
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	383
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	432
dvdcoll	A class for typesetting DVD archives	Kleber	280



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dvgloss	Facilities for setting interlinear glossed text	Velleman	502
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	483
dvgtk	Tektronix 401x DVI previewer	Cholewo	176
dvi-economic	Save paper while printing	Verhoeven	503
dvi2bitmap	Utility to convert $\TeX$ DVI files directly to bitmaps	Gray	230
dvi2ln3	LN03 driver based on DVItyp	Rose	408
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	311
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	354
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	176
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	431
dvibook	Utilities for manipulating DVI files	Duggan	194
dvichk	List the page numbers in a DVI file	Esken	201
dviconcat	Concatenates DVI files	Unknown	492
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	157
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, $\TeX$ Live	406
dvii	Extract information from a DVI file	Lewenberg	309
dviincl	Include a DVI page into MetaPost output	BOP	152
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	533
dviljk	DVI to Laserjet output	Berry, Schrod, $\TeX$ Live	148
dvimerge	Merge two DVI files together	Rahtz	390
dviout	$\TeX$ previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	485
dvipaste	DVI manipulation	MacKay, Spivak	325
dvipdfm	A DVI driver to produce PDF directly	Wicks	523
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, $\LaTeX$ Team	176
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, $\TeX$ Live	176
dvipng	A fast DVI to PNG/GIF converter	Larsson	303
dvips-os2	OS/2 dvips	Kim	278
dvips-shell	A dvips Shell for MS-Windows32	Unknown	492
dvips	A DVI to PostScript driver	Rokicki, $\TeX$ Live	406
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	361
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	297
dvipsk	Convert DVI to PostScript	Rokicki, Berry	406
dvisirule	Superimpose the covered hline and vline in a $\LaTeX$ tabular/colortbl environment	Senju	431
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	488
dvिसun	DVI viewer for Sun2 systems	Hutchinson	258
dvissvgm-def	Colour and Graphics support for dvissvgm	$\LaTeX$ Team	477
dvissvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesecking	221
DVItoLN03	DVI output to Digital LN03 printer	Hamilton Kelly	273
dvitops	A DVI driver for PostScript output	Clark	177
dvitty	A plain-text output DVI driver	Lindahl	311
dvitype	Type out the content of a DVI file	Knuth	286
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	269
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	431
dynamicnumber	Dynamically typeset numbers and values in $\LaTeX$ through “symbolic links”	Pieters	382
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	207
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	178
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	334

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dyntrree	Construct Dynkin tree diagrams	Setzer	431
<b>EEEE</b>			
e-french	Comprehensive L <sup>A</sup> T <sub>E</sub> X support for French-language typesetting	Gaulle, Juillerat	219
ean	Macros for making EAN barcodes	Olšák	369
ean13isbn	Print EAN13 for ISBN	Wagner	517
easing	easing functions for pgfmath	Loh	313
easy-todo	To-do notes in a document	Rada-Vilela	389
easy	A collection of easy-to-use macros	Bertolazzi	148
easybib	Simple syntax for custom bibliographies	Bertolazzi	148
easybmat	Block matrices	Bertolazzi	148
easybook	Easily typesetting Chinese theses or books	Yi	536
easyeqn	A simple package for writing equations	Bertolazzi	148
easyfig	Simplifying the use of common figures	Scharrer	417
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	542
easyformat	Easily add boldface, italics and smallcaps	Provoost	388
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	431
easylist	Lists using a single active character	Isambert, Robbers	260
easymat	A simple package for writing matrices	Bertolazzi	148
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	331
easytable	A simple package for writing tables	Bertolazzi	148
easyvector	Write vectors in a C-like fashion	Bertolazzi	148
ebezier	Device independent picture environment enhancement	Bachmaier	135
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	395
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	470
ebib	BibTeX database manager for GNU Emacs	Kremers	294
ebnf	Simple package for EBNF productions	Cugley	182
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	137
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	448
ebproof	Formal proofs in the style of sequent calculus	Beffara	145
ebsthesis	Typesetting theses for economics	Baecker	135
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	467
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	285
ecards	Electronic flash cards	Story	451
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	421
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	142
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	416
ec1tree	Trees using epic and eepic macros	Isozaki	261
eco	Oldstyle numerals using EC fonts	Kirsch	279
ecobiblatex	Global Ecology and Biogeography BibL <sup>A</sup> T <sub>E</sub> X styles for the Biber back-end	Balak	136
econ-bst	BibTeX style for economics papers	Takeda	460
econlipsum	Generate sentences from economic articles	Coleman	179
Econometrica	BibTeX support for Econometrica	Border, Horny	154
econometrics	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	292
economic	BibTeX support for submitting to Economics journals	Henningsen, Wigle	249
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	404
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	380
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	236
eczar	A font family supporting Devanagari and Latin script	Unknown	492
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	289
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	263
ednnotes	Critical annotations to footnotes with ednotes	Lück	319

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
edichokey	Typeset dichotomous identification keys	Yang	534
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	219
edmac	Typeset critical editions	Lavagnino, Wujastyk	304
edmargin	Multiple series of endnotes for critical editions	Burt	164
ednotes	Typeset scholarly editions	Lück	319
eehyph	Hyphenation patterns for the Estonian language	Saar	414
eemeir	Adjust the gender of words in a document	Hansen	239
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	299
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	327
eforms	eForm support for the AcroTeX bundle	Story	452
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	398
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	371
egothic	Early Gothic manuscript book-hand font	Wilson	525
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	388
ehhline	Extend the \hhline command	Paciorek	372
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	348
eiad	Traditional style Irish fonts	Derzhanski	188
eijkhout	Victor Eijkhout's packages	Eijkhout	198
einfart	Write your articles in a simple and clear way	XU	532
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	510
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	510
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	358
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafaï	414
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	259
ekdosis	Typesetting TEI-xml compliant Critical Editions	Alessi	127
EkType-Tanka	Devanagari fonts by EkType	Unknown	492
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	302
electrumadf	Electrum ADF fonts collection	Rees	395
eledform	Define textual variants	Rouquette	410
eledmac	Typeset scholarly editions	Rouquette	410
eledpar	Typeset scholarly editions in parallel texts	Rouquette	410
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	187
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	187
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	187
elements	Provides properties of chemical elements	Niederberger	355
elhyphen	Hyphenation for Greek text	Filippou	208
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	307
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	249
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	460
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	166
elpres	A simple class for electronic presentations	Kiefel	276
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	390
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	390
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	182
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	218
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	157
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	538
emarks	Named mark registers with e-TeX	Chervet	174
embedall	Embed source files into the generated PDF	Sartori, Lichti	415
embedfile	Embed files into PDF	Oberdiek	362
embrac	Upright brackets in emphasised text	Niederberger	355
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	404

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
emf	Support for the EMF symbol	Jørgensen	267
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	438
emoji	Emoji support in (Lua)LaTeX	Zeng	539
emojicite	Add emojis to citations	Sixt	440
emp	”Encapsulate” MetaPost figures in a document	Ohl	368
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	254
emptypage	Make empty pages really empty	Wette	522
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	331
emtexgi	A MS-Windows shell for emTeX	Cottrell	181
entrees	Draw labelled trees, using emTeX \specials	Boegeholz	151
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	508
encguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font encodings	L <sup>A</sup> T <sub>E</sub> X Team, Lemberg	480
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	369
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	517
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	225
endheads	Running headers of the form ”Notes to pp.xx-yy”	Burt	164
endiagram	Easy creation of potential energy curve diagrams	Niederberger	355
endnote	Generic ”endnotes” code	Unknown	493
EndNote2bib	Convert EndNote files to BibTeX	Mathar	330
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	452
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	219
endnotesj	Japanese-style endnotes	Yamashita	533
endofproofwd	An ”end of proof” sign	Jensen	266
engord	Converts numbers to English ordinal numbers	Oberdiek	362
engpron	Helps to type the pronunciation of English words	Henel	247
engrec	Enumerate with lower- or uppercase Greek letters	Henel	247
engtlc	Support for users in Telecommunications Engineering	Fiandrino	207
engwar	Font for typesetting Tolkien Engwar script	Urban	498
enigma	Encrypt documents with a three rotor Enigma	Gesang	220
enotez	Support for end-notes	Niederberger	355
enparen	Consistent nested brackets	Oberdiek	362
enpassant	Enpassant chess font support	Fischer	210
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
enumitem-zref	Extended references to items for enumitem package	Chervet	174
enumitem	Control layout of itemize, enumerate, description	Bezos López	314
enumspec	Enumerate with extra leading character for labels	Greenwade	231
envbig	Printing addresses on envelopes	Manda, Sherman	328
envelope	Print envelopes	Sherman	435
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	400
envlab	Addresses on envelopes or mailing labels	Veytsman	504
envmath	Maths commands and environments	Bosisio	154
eolang	Formulas and graphs for the EO programming language	Bugayenko	161
eolgrab	Catch arguments delimited by end of line	Oberdiek	362
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	385
Epigrafica	A Greek and Latin font	Tsolomititis	486
epigram	Display short quotations	Hosek	255
epigraph-keys	Epigraphs using key values	McKay	334
epigraph	A package for typesetting epigraphs	Robertson, Wilson	402
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	458
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	259
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	148

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
epmtfe	TeX environment for OS/2	Schmidt	421
eppstein-trees	Macros for producing trees	Eppstein	201
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	263
epsdice	A scalable dice "font"	Heim	245
epsf-dvipdfmx	Plain TeX file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	270
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	406
epsfig	Include Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X documents	Rahtz, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	391
epsfig209	Obsolete graphics inclusion macros	Whaite	522
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezós López	314
epsfx	A TeX macro package for including EPS graphics	BOP	152
epsincl	Include EPS in MetaPost figures	BOP	152
epslatex	Guide to using Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X	Reckdahl	394
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	295
epspdf-setup	epspdf with GUI installer	Kroonenberg	295
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	295
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	143
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	302
epstopdf-pkg	Call epstopdf "on the fly"	Oberdiek	362
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	523
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	452
eq-pin2corr	Add PIN security to the "Correct" button of a quiz created by exerquiz	Story	452
eq-save	Save exerquiz quizzes and resume	Story	452
eq2db	Convert a quiz to one submitted to a server-side script	Story	452
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	207
eqexam	A stand-alone exam package	Story	452
eqexpl	Align explanations for formulas	Morenko	344
eqlist	Description lists with equal indentation	Väth	501
eqmark	Generalise facilities for marking equation arrays	Nitschke	358
EqmLite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	337
eqnalign	Make eqnarray behave like align	Hejda	245
eqname	Name tags for equations	Neugebauer	353
eqnarray	More generalised equation arrays with numbering	Winkler	528
eqnarray209	A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray	Jones	267
eqnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	223
eqparbox	Create equal-widthed parboxes	Pakin	373
equationauthor	Visual equation editor	Manhiça	328
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	505
erewhon-math	Utopia based OpenType Math font	Flipo	210
erewhon	Font package derived from Heuristica and Utopia	Sharpe	432
errata	Error markup for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	289
erw-l3	Utilities based on L <sup>A</sup> T <sub>E</sub> X3	Rogard	405
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	337
escapeTeXt	Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X	Hefferon	244
esdiff	Simplify typesetting of derivatives	Saudrais	416
esieecv	Curriculum vitae for French use	Bayart	140
esindex	Typset index entries in Spanish documents	Bezós López	314
esint-type1	Font esint10 in Type 1 format	Nikunen	358
esint	Extended set of integrals for Computer Modern	Saudrais	416
esk	Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources	Kazimiers	273
eskd	Modern Russian typesetting	Fyodorov	217
eskdX	Modern Russian typesetting	Korikov	293
eslides	An option for article style to make slides	Denk	187
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	357



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
esperant	Style option for writing Esperanto texts	Knappen	284
espo	Customisation for Esperanto	Unknown	493
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	396
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	432
estcpmm	Style for Munitions Management Project Reports	Veytsman	505
esvect	Vector arrows	Saudrais	416
et	TeX-compatible editor	Collins	179
etaremun	Reverse-counting enumerate environment	Adriaens	125
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	432
etdipa	Simple, lightweight template for scientific documents	Laube	303
etex-pkg	E-TeX support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	168
e-TeX	An extended version of T <sub>E</sub> X, from the NTS project	Breitenlohner, T <sub>E</sub> XLive	158
etexcmds	Avoid name clashes with e-TeX commands	Oberdiek	362
etextools	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	174
ethiop-tl	Type 1 versions of Amharic fonts	Rosenau	408
ethiop	L <sup>A</sup> T <sub>E</sub> X macros and fonts for typesetting Amharic	Beyene, Kudlec, Kummer, Metzinger	149
ethtex	Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic	Alamnehe	127
etl	Expandable token list operations	Spratte	445
etoc	Completely customisable TOCs	Burnol	163
etoolbox-de	German translation of documentation of etoolbox	Endering	200
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	307
etruscan	Fonts for the Etruscan script	Wilson	525
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	186
euclideangeometry	Draw geometrical constructions	Beccari	142
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	401
euflag	A command to reproduce the flag of the European Union	Flynn	212
eukdate	UK format dates, with weekday	Moschou	345
eukleides	A geometry drawing system	Obrecht	367
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	210
euler	Use AMS Euler fonts for math	Jensen	266
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	371
eulervm	Euler virtual math fonts	Schmidt, Harcombe	421
euproposal	A class for preparing FP7 proposals	Kohlhase	289
euro-ce	Euro and CE sign font	de Wijn	523
euro	Provide Euro values for national currency amounts	Franz	214
eurofont	Provides a command that prints a euro symbol	McDonnell	334
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	420
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	333
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	508
europs	Access to Adobe's Euro currency symbol fonts	Clausen	177
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	421
eurosym	Metafont and macros for Euro sign	Theiling	481
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	125
euxunicode	Generate Unicode characters from accented glyphs	Robertson	400
evautofl	Pages with cut lines and punch marks	Vicentini	507
evenpage	Ensure that the total number of pages is even	Bosisio	154
everyhook	Hooks for standard T <sub>E</sub> X token lists	Checkoway	173
everypage	Provide hooks to be run on every page of a document	Callegari	165
everysel	Provides hooks into \selectfont	Schröder, Peischl	426
everyshi	Take action at every \shipout	Schröder, Peischl	426
evweek	Weekly calendar	Vicentini	507
exam-n	Exam class, focused on collaborative authoring	Gray	230
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	159

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	236
exam	Package for typesetting exam scripts	Hirschhorn	251
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	232
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	127
example	Typeset examples for T <sub>E</sub> X courses	Schrod	425
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	460
exams	Typeset exam questions	van der Meer	335
excalibur	Macintosh spell checker	Zaccone	537
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	328
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	190
excludeonly	Prevent files being \include-ed	Luecking, Arseneau	322
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	381
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	454
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	274
exercises	Typeset exercises and solutions with automatic addition of points	Jud	269
exerquiz	Environments for defining exercises and quizzes	Story	452
exesheet	Typesetting exercise or exam sheets	Missier	340
exframe	Framework for exercise problems	Beisert	145
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	196
expdlist	Expanded description environments	Hülse, Kaspar	258
expex-acro	Wrapper for the expex package	Matter	331
expex	Linguistic examples and glosses, with reference capabilities	Frampton	214
expkv-cs	Define expandable key=val macros using expkv	Spratte	445
expkv-def	A key-defining frontend for expkv	Spratte	445
expkv-opt	Parse class and package options with expkv	Spratte	445
expkv	An expandable key=val implementation	Spratte	445
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	477
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Drucbert	193
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	247
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	525
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	342
exsheets	Create exercise sheets and exams	Niederberger	355
exsol	Exercises and solutions from the same source, into a book	Daems	183
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	259
extdash	A range of dash commands for compound words	Rozhenko	412
exteps	Include EPS figures in MetaPost	Jørgensen	267
extpfeil	Extensible arrows in mathematics	Ebermann	196
extract	Extract parts of a document and write to another document	Adriaens	125
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	256
extradefs	A miscellany of support macros	McPherson	335
extsizes	Extend the standard classes' size options	Kilfiger, May	278
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	529
facsimile	Document class for preparing faxes	Bronger	159
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	538
facture-belge-s...	Simple Belgian invoice without VAT	Sebille	429
facture	Generate an invoice	Rouquette, Gombin	410
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	275
fakebold	A simple macro for faking bold fonts	Unknown	493
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	196
faltblat	Making Leaflets	Klöckl	283
familytree	Draw family trees	Senju	431

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	173
fancybox	Variants of \fbox and other games with boxes	Van Zandt	538
fancy chapters	Chapters with quotations	Heitkoetter	245
fancyfolien	Fancyhdr outline for German readers	Steffani	448
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	215
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	126
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	370
fancyhdrboxed	Elaborate page headers, specified in a non-L <sup>A</sup> T <sub>E</sub> X language	Algaba	128
fancyheadings	Legacy headings package	van Oostrum	370
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	437
fancynum	Typeset numbers	Green	231
fancy par	Decoration of individual paragraphs	Medina Arellano	130
fancyqr	Fancy QR-Codes with TikZ	Sihler	438
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	396
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	323
fancytabs	Fancy page border tabs	Pinson	384
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	328
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	539
fandol	Four basic fonts for Chinese typesetting	Ma	325
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	392
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martin	329
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	284
fascicules	Create mathematical manuals for schools	Moritz	344
fast-diagram	Easy generation of FAST diagrams	Allais	128
fastpictex	Simple specification of PicTeX diagrams	Stauss	448
fax	Document class for preparing faxes	Rhebergen, de Jonge	398
fbf	A free Bembo-like font	Sharpe	433
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	189
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	511
fbs	BibTeX style for Frontiers in Bioscience	Suckale	455
fc-arith	Create an arithmetic flash card	Story	452
fc	Fonts for African languages	Knappen	284
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	269
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	424
fcitxdoc	Macros for use in the author's documentation	Chervet	174
fcolumm	Typesetting financial tables	Olthof	369
fdsymbol	A maths symbol font	Ummels	489
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	539
featpost	MetaPost macros for 3D	Gonçalves	225
fei	Class for academic works at FEI University Center — Brazil	De Rizzo Meneghetti	336
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	399
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	193
fetamont	Extended version of Knuth's logo typeface	Romer	407
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	452
fetchcls	Fetch the current class name	Giannotti	221
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	201
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	341
feyn	A font for in-text Feynman diagrams	Gray	230
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	309
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	368
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	232
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	161

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ffslides	Freeform slides based on the article class	Wolters	529
fge	A font for Frege's Grundgesetze der Arithmetik	Green	231
fgruler	Draw rulers on the foreground or in the text	Tómacs	484
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	271
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	359
fibnum	Generate Fibonacci numbers	Oberdiek	362
finddo-info	German HTML beamer presentation on nicetext and morehype	Lück	319
finddo	Filtering files using T <sub>E</sub> X	Lück	319
fifo-stack	FIFO and stack implementation for package writers	Gaito	218
fig2eng	Convert fig files to English	Tobin	483
fig2lat	Convert .fig files to vector graphics	Krause	294
fig2mf	Convert fig output to Metafont	Starks	448
fig2mfpic	Convert fig output to mfpic	Tobin	483
fig2sty	Use fig as layout designer for L <sup>A</sup> T <sub>E</sub> X	Rohner	406
fig2vect	Yet another Fig to vector converter	Krause	294
fig4latex	Management of figures for large L <sup>A</sup> T <sub>E</sub> X documents	Fields	207
figbas	Mini-fonts for figured-bass notation in music	Tennent	470
FigBib	Organize figure databases with BibTeX	Poland	385
figcaps	Collect figure captions for later printing	Daly	184
figchild	Pictures for creating children's activities	de Souza Bastos	444
figflow	Flow text around a figure	Hutchinson	258
figfrag	Convert xfig figures with embedded L <sup>A</sup> T <sub>E</sub> X commands to EPS	Ditzel	190
figplace	Floating figures in Plain T <sub>E</sub> X	Zalmstra	538
figput	Create interactive figures in L <sup>A</sup> T <sub>E</sub> X	Fairman	204
figsinltx	A tutorial on figures in L <sup>A</sup> T <sub>E</sub> X 2.09	Goel	224
FigSize	Auto-size graphics	Tanbakuchi	466
fihyph	Hyphenation patterns for Finnish language	Hellgren	246
filecontents	Create an external file from within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	373
filecontentsdef	filecontents + macro + verbatim	Burnol	163
filedate	Access and compare info and modification dates	Lück	319
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	341
filehdr	Self-descriptions in file headers	Beebe	144
filehook	Hooks for input files	Scharrer	417
fileinfo	Enhanced display of L <sup>A</sup> T <sub>E</sub> X File Information	Lück	319
filemod	Provide file modification times, and compare them	Scharrer	417
fillform	Typeset answers to overprint on printed forms	Wagner	517
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	352
findhyph	Find hyphenated words in a document	Budaj	161
FiNK	The L <sup>A</sup> T <sub>E</sub> X2e File Name Keeper	Verna	503
Finomaton	Comfortably draw and typeset finite state machines	Triska	486
finplain	A Finnish version of plain.bst	Kaijanaho	270
finstrut	Adjust behaviour of the ends of footnotes	Lück	319
fira	Fira fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
firamath-otf	Use OpenType math font Fira Math	Voß	511
firamath	Fira sans serif font with Unicode math support	Zeng	540
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	200
first-latex-doc	A document for absolute L <sup>A</sup> T <sub>E</sub> X beginners	Hefferon, Pégourié-Gonnard, Berry	244
first-packages	A short list of go-to L <sup>A</sup> T <sub>E</sub> X packages, aimed at a beginner	Hefferon	244
firstline	Print the first line of a paragraph in a different font	Fox	213
firststeps-xampl	Examples from "First steps in L <sup>A</sup> T <sub>E</sub> X"	Grätzer	230
fitbox	Fit graphics on a page	Veytsman	505
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	359

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
FitR	Set a rectangular destination and jump to it	Story	452
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	423
fix2col	Fix miscellaneous two column mode features	Carlisle	167
fixbbl	Patch bibliographies inappropriately broken by BibTeX	Stajano	447
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	232
fixdif	Macros for typesetting differential operators	Zhang	540
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	203
fixjfm	Fix JFM (for *pTeX)	Zhang	540
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	508
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	477
fixltxhyph	Allow hyphenation of partially-emphasised substrings	Beccari	142
fixmath	Make maths comply with ISO 31-0:1992 to ISO 31-13:1992	Schmidt, Harcombe	421
Fixme	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	503
fixmetodonotes	Add notes on document development	Barabucci	137
fixocgx	Add support for dvips+ps2pdf, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, dvipdfmx to the ocgx package	Grahn	228
fixpdfmag	Fix magnification in pdfTeX	Bezós López	314
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	440
fjodor	A selection of layout styles	Filipović	207
flabels	Labels for files and folders	Börchers	153
flacards	Generate flashcards for printing	Stuhrmann	455
flagderiv	Flag style derivation package	van Tilburg	482
flags	Setting and clearing of flags in bit fields	Oberdiek	362
flashcard	Typeset flash cards	Kilfiger	277
flashcards	A class for typesetting flashcards	Budge, Vernon	161
flashmovie	Directly embed flash movies into PDF files	Hartmann	243
flatex	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Har-Peled	239
flatten	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Wilson	525
fldigal	Create a Flash slide show of digital photos	Story	452
flexipage	Flexible page geometry with marginalia	Vrba	516
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	254
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	161
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	165
float	Improved interface for floating objects	Lingnau	312
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	285
floatflt	Wrap text around floats	Dahlgren	183
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	391
floatpag	Different pagestyles on float pages	Statulevičius	448
floatrow	Modifying the layout of floats	Lapko	303
flow	Draw flow diagrams in picture mode	Brown	160
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	404
flowfram	Create text frames for posters, brochures or magazines	Talbot	463
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	463
fltpage	Place caption on an adjacent page	Gross	234
fltpoint	Simple floating point arithmetic	Guthöhrlein	236
flushend	Balancing columns at last page	Tolušis	484
fmp	Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	297
fmtcount	Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats	Talbot, Belaïche	465
fn2end	Convert footnotes to endnotes	Border	153
fnbreak	Warn for split footnotes	Harders	241
fncychap	Seven predefined chapter heading styles	Lindgren	311
fncylab	Alter the format of \label references	Fairbairns, Carlisle	203
fnlineno	Number the lines of footnotes	Lück	319
fnote	Auto-numbered footnotes in Plain T <sub>E</sub> X	Unknown	493
fnpara-pln	Footnotes in paragraphs	Wujastyk	531



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	411
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	355
fnpos	Control the position of footnotes on the page	Nakashima	351
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	539
fontguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font commands	L <sup>A</sup> T <sub>E</sub> X Team	477
fontproof	A programmable font test pattern generator	Luecking	321
fnumprint	Print a number in 'appropriate' format	Schneider	424
foekfont	The title font of the Mads Føk magazine	Jørgensen	268
foillhtml	Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML	Veytsman	505
foiltex	A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies	Hafner	237
foliono	Use folio numbers to replace page numbers	Syrjänen	458
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	268
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	188
font-change	Macros to change text and mathematics fonts in plain T <sub>E</sub> X	Dhawan	188
font_selection	Font selection for plain T <sub>E</sub> X	de Wijn	523
fontawesome	Font containing web-related icons	Danaux, Gandy	185
fontawesome5	Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support	Krüger	295
fontaxes	Additional font axes for L <sup>A</sup> T <sub>E</sub> X	Bühmann, Ummels	162
fontbl	A font sampler	Beeman, MacKay	144
fontbook	Generate a font book	Pinson	384
fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X	Medina	335
fontchart	A font sampler	Lemberg	308
fontinf	An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)	Bezós López, Ruedas	317
fontenc	Standard package for selecting font encodings	L <sup>A</sup> T <sub>E</sub> X Team	477
fontinst	Help with installing fonts for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Hellström, Jeffrey, Rahtz, Vieth	246
fontinstallatio...	Font installation guide	Lehman	306
fontload	A partial font downloading utility	Malyshev	328
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	210
fontmfizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	194
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	148
fonttools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	380
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	271
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	295
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	271
fontsmpl	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	212
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	486
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	486
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	500
fontsmpl	Print a sample of a font	Jeffrey	264
fontspec	Advanced font selection in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Robertson, L <sup>A</sup> T <sub>E</sub> X Team	401
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	402
fontwrap	Bind fonts to specific unicode blocks	Kamermans	270
footbib	Bibliographic references as footnotes	Domenjoud	190
footmisc	A range of footnote options	Fairbairns, Mittelbach	203
footmiscx	A range of footnote options	Roucariès	409
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X's footnote handling	Wooding	529
footnotebackref	Back-references from footnotes	Lange	302
footnotehyper	hyperref aware footnote.sty	Burnol	163
footnoterange	References to ranges of footnotes	Münch	347
footnpag	Per-page numbering of footnotes	Schrod	425
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	427
foreign	Systematic treatment of 'foreign' words in documents	Ratcliffe	393
forest-quickstart	Quickstart Guide for Linguists package "forest"	Vanden Wyngaerd	531

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
forest	Drawing (linguistic) trees	Živanović	542
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	338
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	431
formal-grammar	Typeset formal grammars	Vassor	501
format	Format a counter as a fixed-point number	Karney	271
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	228
formlett	Letters to multiple recipients	Jiang	266
forms16be	Initialize form properties using big-endian encoding	Story	452
formula	Typesetting physical units	Tille	482
formular	Create forms containing field for manual entry	Wirth	528
fortran	Print Fortran programs	Toby	484
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
fotex	Process XSL-FO	Rahtz	390
fouridx	Left sub- and superscripts in maths mode	Karrmann	272
fourier	Using Utopia fonts in L <sup>A</sup> T <sub>E</sub> X documents	Bovani	156
FourierNC	Use New Century Schoolbook text with Fourier maths fonts	Zedler, Sharpe	539
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	213
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibT <sub>E</sub> X	Frambach	214
fp	Fixed point arithmetic	Mehlich	336
fp1	SC and OsF fonts for URW Palladio L	Stubner	455
fpT <sub>E</sub> X	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	386
fragmaster	Using psfrag with pdfL <sup>A</sup> T <sub>E</sub> X	Domingo, Vogel	190
fragments	Fragments of L <sup>A</sup> T <sub>E</sub> X code	Carlisle	167
frame	Framed boxes for Plain T <sub>E</sub> X	Van Zandt, Voß	538
framed	Framed or shaded regions that can break across pages	Arseneau	131
francais-bst	Bibliographies conforming to French typographic standards	Goulet	228
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibT <sub>E</sub> X styles	Swift	456
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	457
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	457
frcursive	French cursive hand fonts	Beffara	145
frederika2016	An OpenType Greek calligraphy font	Syropoulos	458
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	251
free-math-font-...	A survey of available free Mathematics fonts	Hartke	243
freetype	A full-featured font rasterizer library	Lemberg	308
frege	Typeset fregean Begriffsschrift	Pamp	375
french-translat...	French translation project	Bayart	140
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	219
frenchmath	Typesetting mathematics according to French rules	Missier	340
frenchpunct	Implement French-style spacing at punctuation	Roy	411
frenchpro	Professional typesetting of French documents	Gaulle	219
frenchquote	Make something like guillemets	Unknown	493
frhyph	French hyphenation patterns	Flipo	210
FriBidiXeT <sub>E</sub> X	A pre-processor for XeT <sub>E</sub> X files to support unicode bidirectional algorithm	Khalighi, bidi-tex GitHub Organisation	275
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	216
frimurer	Access to the 'frimurer' cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	268
frletter	Typeset letters in the French style	Andronic	129
frontespizio	Create a frontispiece for Italian theses	Gregorio	232
froufrou	Fancy section separators	Lago	300
frpseudocode	French translation for the algorithmicx package	Irwin	260
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	468
ftcap	Allows \caption at the beginning of a table-environment	Steffani	448
ftetx	T <sub>E</sub> X support in FTE text editor	Zydowitz	543
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	482

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
ftnxtra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	275
fullbck	Left-blocking for letter class	Cloos Jr.	269
fullminipage	Minipage spanning a complete page	Schneider	423
fullpage	Set all page margins to 1.5cm	Daly	184
fullpict	Full page pictures	Shawyer	435
fullwidth	Adjust margins of text block	Daniel	185
functan	Macros for functional analysis and PDE theory	Lejay	308
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	324
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	353
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	353
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	353
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	353
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	353
fundus-startrek	‘Star Trek’ fonts, and macros to support them	Neugebauer	353
fundus-sueterlin	Sütterlin	Neugebauer	353
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	353
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	353
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	353
funnelweb	A flexible, language-independent web system	Coates	178
futhark	Fonts for the Older Futhark script	deyAemta	188
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	376
futurans	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Futura Fonts From Adobe As Used By No Starch Press	Veytsman	505
fvextra	Extensions and patches for fancyvrb	Poore	385
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	295
fwlw	Get first and last words of a page	Arseneau	131
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	309
gaceta	A class to typeset La Gaceta de la RSME	Varona	501
gahyph	Hyphenation patterns for the Irish language	Scannell	416
galois	Typeset Galois connections	Cousot	181
gamebook	Typeset gamebooks and other interactive novels	Miede	338
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	306
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	218
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	343
garamond-libre	The Garamond Libre font face	Miller, Tennent	340
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	541
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	433
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	405
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	219
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	273
gates	Support for writing modular and customisable code	Isambert, Robbers	260
gatherenum	A crossover of align* and enumerate	Rivaud	399
gauss	A package for Gaussian operations	Kauers	272
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	292
gbrief-creator	A front end for the gbrief package	Schinke	420
gbt7714	BibTeX implementation of China’s bibliography style standard GB/T 7714-2015	Lee	306
gcard	Arrange text on a sheet to fold into a greeting card	McBane	333

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gchords	Typeset guitar chords	Peeters	379
gcite	Citations in a reader-friendly style	Atkinson, Phillips	134
gckanbun	Kanbun typesetting for (u)pL <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X	Yamamoto	533
GELLMU	LaTeX-like markup for writing XML documents	Hammond	239
gen	Genealogy symbols	Knuth	286
gender	Gender neutrality for languages with grammatical gender	Banhardt	137
gene-logic	Typeset logic formulae, etc	Neugebauer	353
genealogy	A compilation genealogy font	Roegel	405
genealogytree	Pedigree and genealogical tree diagrams	Sturm	455
genfam	Run Metafont to produce the bitmap fonts	Schrod	425
genindex	Alternative index series	Smith	441
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X's minipages	Lotze	318
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	422
gentabtex	Python helper for creating tables	Algaba	128
gentium-original	Gentium font and support files	Schmitz, Miklavec	423
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavec, Farar, Schmitz	148
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	208
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	191
gentombow	Generate Japanese-style crop marks	Yamashita	533
geometry-de	German documentation for the geometry package	Umeki	489
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	489
geomsty	Macros used in typesetting a geometry book	Levy	309
geophysics	Articles for the journal Geophysics	Gildea	222
georgian-stanier	A Georgian font	Stanier	447
georgian	Support for typesetting in Georgian	Shoshiashvili	436
geradwp	Document class for the Cahiers du GERAD series	Hamel	238
german	Support for German typography	Raichle	392
germbib	German variants of standard BibT <sub>E</sub> X styles	Harders	241
germdoc	A collection of documentation available in German	Unknown	493
germkorr	Change kerning for German quotation marks	Baumann	140
geschichtsfkr1	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	537
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	430
getfiledate	Find the date of last modification of a file	Musa	350
getitems	Gathering items from a list-like environment	Hendrickson	247
getmap	Download OpenStreetMap maps for use in documents	Kleber	280
getoptk	Define macros with sophisticated options	Le Barbier Grünwald	234
getrefs	BibT <sub>E</sub> X style to sort by "journal" entries of references	Deutscher	188
getttitlestring	Clean up title references	Oberdiek	362
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	521
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	487
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	487
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	487
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	487
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	487
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	487
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	486
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	487

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	487
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	487
GFS Solomos	A Greek-alphabet font	Tsolomitis	486
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	275
ghostscript	Freely available PostScript interpreter	Deutsch	188
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	355
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	505
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
gincitex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	418
gindex	Formatting indexes	Bezos López	314
ginpenc	Modification of inputenc for German	Harders	241
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	346
gitfile-info	Get git metadata for a specific file	Hilbig	250
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	313
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	313
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	313
gitstatus	Include Git information in the document as watermark or via variables	Gruber	234
gitver	Get the current git hash of a project and typeset it in the document	Baynham	141
gkpmac	The macros used in "Concrete Mathematics"	Knuth	286
gl-tree	Linguistic trees with a preprocessor	Lee	305
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	235
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	396
glhyph	Hyphenation patterns for Galician	Música de Rivera	399
globalvals	Declare global variables	Baynham	141
glonti	Virtual fonts for T2A-encoded fonts	Glonti	224
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	217
gloss-occitan	Polyglossia support for Occitan	Valmary	500
gloss	Create glossaries using BibTeX	de Arriba, Bezos López	131
glossaries-accsupp	Accessibility support for glossaries	Talbot	463
glossaries-danish	Danish language module for glossaries package	Talbot	463
glossaries-dutch	Dutch language module for glossaries package	Talbot	463
glossaries-english	English language module for glossaries package	Talbot	463
glossaries-esto...	Estonian language module for glossaries package	Kankainen	270
glossaries-extra	An extension to the glossaries package	Talbot	463
glossaries-finnish	Finnish language module for glossaries package	Välimäki	500
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	465
glossaries-german	German language module for glossaries package	Talbot	463
glossaries-irish	Irish language module for glossaries package	Talbot	463
glossaries-italian	Italian language module for glossaries package	Talbot	463
glossaries-magyar	Magyar language module for glossaries package	Talbot	464
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustveit	243
glossaries-polish	Polish language module for glossaries package	Talbot	464
glossaries-port...	Portuges language module for glossaries package	Talbot	464
glossaries-serbian	Serbian language module for glossaries package	Talbot	464
glossaries-slovene	Slovene language module for glossaries package	Bačić	135
glossaries-spanish	Spanish language module for glossaries package	Talbot	464
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	360
glossaries	Create glossaries and lists of acronyms	Talbot	463
glossary	Create a glossary	Talbot	464
glosstex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	536
glotex	A glossary processor	Aurbach, Hantelmann, Iani-gro	135
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	196



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	349
gmeometric	Change page size wherever it's safe	Murzynowski	349
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	349
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	232
gmutils	Support macros for other packages	Murzynowski	349
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	349
gmverse	A package for typesetting (short) poems	Murzynowski	349
gnu-freefont	A Unicode font, with rather wide coverage	White	522
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	244
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	293
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	351
go	Fonts and macros for typesetting go games	Kołodziejska	292
gobble	More gobble macros for PlainT <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Scharrer	418
goblin	Tolkien's goblin alphabet	Stanier	447
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
gost	BibT <sub>E</sub> X styles to format according to GOST	Polyakov, Kotelnikov	385
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	240
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	134
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	507
gplot	CGM-based graphics support	Andrews	129
grabbox	Read an argument into a box and execute the code afterwards	Spratte	446
gradback	Gradient backgrounds for dvips output	Pedersen	379
gradientframe	Simple gradient frames around objects	Raue	394
grading-scheme	Typeset grading schemes in tabular format	Keßler	274
gradstudentresume	A generic template for graduate student resumes	Kumar	298
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	376
grafik	EPS graphics under Windows	Dübendorfer	194
grant	Classes for formatting federal grant proposals	Karr	271
graph35	Draw keys and screen items of several Casio calculators	Paternault	378
GraphBase	A platform for combinatorial algorithms	Knuth	286
graphbox	Extend graphicx to improve placement of graphics	Beisert	145
GraphConv	Convert graph files to PSTricks	Chicoine	175
grapher	Create graphs, state machine and data flow diagrams	Algaba	128
graphfig	Simpler graphic, subfigure and float	Bosisio	154
graphicp	An enhanced version of graphics	Szabó	460
graphics-cfg	Sample configuration files for L <sup>A</sup> T <sub>E</sub> X color and graphics	L <sup>A</sup> T <sub>E</sub> X Team	477
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	481
graphics-pln	LaT <sub>E</sub> X-style graphics for Plain T <sub>E</sub> X users	Carlisle	167
graphics	Standard L <sup>A</sup> T <sub>E</sub> X graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
graphicscache	Cache includegraphics calls	Schwarz	428
graphicx-psmin	Reduce size of PostScript files by not repeating images	Adriaens	126
graphicx	Enhanced support for graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
graphicxbox	Insert a graphical image as a background	Story	452
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	533
GraphicxSP	An extension of the graphicx package	Story	452
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	302
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	149
GraphT <sub>E</sub> X	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	385
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	394
gray	Fonts for gray-scales	Knuth	286
grayhints	Produce 'gray hints' to a variable text field	Story	452
grchyph	Hyphenation for classical Greek, under XeT <sub>E</sub> X	Codet	178
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	339
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	459

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
greek-makeindex	Makeindex working with Greek	Syropoulos	458
greek4cbc	A Greek font from 394BC	Wilson	525
greek6cbc	A Greek font from the sixth century BC	Wilson	525
greekctr	Represent counters by letters of the Greek alphabet	Knappen	284
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	487
greekinfo3	Overview of systems, packages, and fonts for Greek $\TeX$	Dimakos, Filippou	189
grektex-fd	$\LaTeX$ font definition files for Greek $\TeX$	Brodnik	159
grektex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyrakis	345
greetonoi	Facilitates writing/editing of multiaccented greek	Cornaros	181
greenpoint	The Green Point logo	Triska	486
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	411
grfext	Manipulate the graphics package's list of extensions	Oberdiek	362
grffile	Extended file name support for graphics (legacy package)	Oberdiek	362
grfguide	$\LaTeX$ standard graphics and color packages documentation	Carlisle	167
grfpaste	Include fragments of a dvi file	Carlisle	167
grid-system	Page organisation, modelled on CSS facilities	Bitzl	150
grid	Grid typesetting in $\LaTeX$	River Valley Technologies	399
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	335
gridset	Grid, a.k.a. in-register, setting	Kohm	289
gridslides	Free form slides with blocks placed on a grid	Mendler	336
grkfst	Install Greek Type 1 fonts	Kryukov	296
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	458
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	458
grundgesetze	Typeset Frege's Grundgesetze der Arithmetik	Rossberg	408
grverb	Typesetting Greek verbatim	Syropoulos	458
GS1	Typeset EAN barcodes using $\TeX$ rules, only	Kohm	289
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	411
gsftopk	Convert "Ghostscript fonts" to PK files	Vojta	509
gsview	View PostScript under MS-Windows or OS/2	Lang	302
gtex-letter	A Gnome assistant to ease the writing of $\LaTeX$ letters	Folini	212
gtl	Manipulating generalized token lists	Le Floch	211
gtrcrd	Add chords to lyrics	Bresciani	158
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	233
gu	Typeset crystallographic group-subgroup-schemes	Lange	302
guarani	Guarani support	Bezos López	314
gudea	The Gudea font face with support for $\LaTeX$ and pdfLaTeX	Ebinger	196
guia-bibtex	Guia casi completa de BibTeX	López	317
guide-latex-fr	A french guide on $\LaTeX$ – for beginners or advanced users	Bouzigues	156
GuIT-corso	Introduzione al mondo di $\LaTeX$	Himmelman, Vavassori, Busdraghi	251
guitar	Guitar chords and song texts	Väth	501
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	356
guitartabs	A class for drawing guitar tablatures easily	Babushkin	135
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	502
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	507
gurmukhi-singh	Support for Gurmukhi in $\TeX$	Singh	439
gurmukhi	Support for Gurmukhi	Pandey	375
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	205
GUtenberg	French $\TeX$ Users Group information	Just	269
gv-savepos	A patch to gv to save positions	Thành	473
gv	An X front end for Ghostscript	Marchesi	328
gzt	Bundle of classes for "La Gazette des Mathématiciens"	Bitouze	150
<b>HHHHH</b>			
h2020proposal	$\LaTeX$ class and template for EU H2020 RIA proposal	Indiveri	259
ha-prosper	Patches and improvements for prosper	Adriaens	126

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hackalloc	Make allocations local	Unknown	493
hackthefootline	Footline selection and configuration for L <sup>A</sup> T <sub>E</sub> X beamer's standard themes	Friedl	215
hacm	Font support for the Arka language	Miyatani	342
hagenberg-thesis	A Collection of L <sup>A</sup> T <sub>E</sub> X classes, style files, and example documents for academic manuscripts	Burger, Hochleitner	162
halftone	Knuth's halftone font and its uses	Clark, Knuth	177
halloweenmath	Scary and creepy math symbols with AMS-L <sup>A</sup> T <sub>E</sub> X integration	Mezzetti	337
hamnosys	A font for sign languages	Schulder, Hanke	427
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	454
handout	Create handout for auditors of a talk	Rouquette	410
handoutWithNotes	Create Handouts with notes from your L <sup>A</sup> T <sub>E</sub> X beamer presentation	Diepen, Peischl	189
hands	Pointing hand font	Tobin, Powroz	484
hang	Environments for hanging paragraphs and list items	Nolda	358
hangcaption	Hanging layout for captions	Jones	267
hanging	Hanging paragraphs	Robertson, Wilson	402
hanoi	Tower of Hanoi in T <sub>E</sub> X	Blackmore	150
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	219
happy4th	A firework display in obfuscated T <sub>E</sub> X	Blackmore	150
har2nat	Replace the harvard package with natbib	Straathof	454
haranoaji-extra	Harano Aji Fonts	Hosoda	256
haranoaji	Harano Aji Fonts	Hosoda	256
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	401
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	520
harnon-cv	A CV document class with a vertical timeline for experience	Hart	243
harpoon	Extra harpoons, using the graphics package	Kuipers	298
harvard-obsolete	The Harvard bibliography style family	Williams	524
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	524
harveyballs	Create Harvey Balls using TikZ	Roth	409
harvmac	Macros for scientific articles	Ginsparg	222
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	261
hausarbeit-jura	Class for writing "juristische Hausarbeiten" at German Universities	Sievers	438
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	177
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	437
he-le-na	Support for Serbian typesetting	Filipović	207
he-she	Alternating pronouns to aid gender-neutral writing	Munn	348
headerfooter	Define the layouts of page headers and footers	Gildea	222
hebtex	Support for Hebrew and other right-to-left languages	Porrat	386
hecthesse	A class for dissertations and theses at HEC Montréal	Hamel	238
hellas	Typeset bibliographies which include Greek	Syropoulos	458
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	354
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	423
hep-acronym	An acronym extension for glossaries	Hajer	237
hep-bibliography	An acronym extension for glossaries	Hajer	237
hep-float	Convenience package for float placement	Hajer	237
hep-font	Latin modern extended by computer modern	Hajer	238
hep-gen	Generic macros for quantum physics	Unknown	493
hep-math-font	Extended Greek and sans-serif math	Hajer	238
hep-math	Extended math macros	Hajer	238
hep-paper	Publications in High Energy Physics	Hajer	238
hep-reference	Adjustments for publications in High Energy Physics	Hajer	238
hep-text	List and text extensions	Hajer	238
hep-title	Extensions for the title page	Hajer	238
hep	A "convenience wrapper" for High Energy Physics packages	Buckley	160
hepnames	Pre-defined high energy particle names	Buckley	160

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	160
hepthesis	A class for academic reports, especially PhD theses	Buckley	161
Hepunits	A set of units useful in high energy physics applications	Buckley	161
here	Emulation of obsolete package for "here" floats	Berry	148
hereapplies	A L <sup>A</sup> T <sub>E</sub> X package for referencing groups of pages that share something in common	Unknown	493
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	511
hershey-mp	MetaPost support for the Hershey font file format	Renkema	397
hershey	Experiments with the Hershey fonts	Yap	534
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	433
hex	Print a counter in hexadecimal	Domenjoud	190
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	411
hexdump	Read and typeset ASCII hexdump files	Hillebrand	250
hexgame	Provide an environment to draw a hexgame-board	Brouwer	159
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	207
hfbright	The hfbright fonts	Harders	241
hfoldsty	Old style numerals with EC fonts	Harders	241
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	537
hge	An "Old English" font	Unknown	493
hhline	Better horizontal lines in tabulars and arrays	Carlisle	167
hhtensor	Print vectors, matrices, and tensors	Harders	241
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	299
hieroglf	The "poor man's" Egyptian Hieroglyphic font	Wilson	525
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	408
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	439
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	297
hiowres	Support high and low resolution versions of same picture	Gerell	220
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	298
hindmadurai	The HindMadurai font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	197
histogr	Draw histograms with the L <sup>A</sup> T <sub>E</sub> X picture environment	Schöpf	424
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal 'Historische Zeitschrift'	Waßenhoven	519
histyle	A "HighStyle" environment for T <sub>E</sub> X	Unknown	493
hitec	Class for documentation	Billauer	149
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	413
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	534
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	456
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	534
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	534
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	486
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	490
hlatex	Support for the Korean language	Un	490
hletter	Flexible letter typesetting with flexible page headings	Housley	257
hlist	Horizontal and columned lists	Tellechea	468
hmtrump	Describe card games	Hitomi	251
hobby	An implementation of Hobby's algorithm for PGF/TikZ	Stacey	446
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	227
hobsub	Construct package bundles	Oberdiek	362
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	537
hologo	A collection of logos with bookmark support	Oberdiek	362
holtplot	Typeset Maxwell's non-commutative division	Knappen	284
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	362
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developpers	Rouquette	410
hopatch	Load patches for packages	Oberdiek	362
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	440
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	518

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hp2xx	HP GL converter	Unknown	493
hpgl2ps	Translate HPGL to PostScript	McCormick	333
hpsdiss	A dissertation class	Schmid	420
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	161
hrefhide	Suppress hyper links when printing	Münch	347
hrhyph	Croatian hyphenation	Marinović	329
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	328
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	269
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	474
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	518
hu-berlin-bundle	L <sup>A</sup> T <sub>E</sub> X classes for the Humboldt-Universität zu Berlin	Bossert	155
huawei	Template for Huawei documents	Bugayenko	161
huaz	Automatic Hungarian definite articles	Tómacs	485
huhyph	Hyphenation patterns for the Hungarian language	Mayer	333
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	485
humanbio	Bibliography style for "Human Biology"	Rogers	406
humanist	Humanist manuscript book-hand font	Wilson	525
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	406
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	525
hungarian	New Hungarian hyphenation patterns	Nagy	351
husthesis	Unofficial thesis template for Huazhong University	Cheng	174
hvarabic	Macros for RTL typesetting	Voß	511
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	351
hvextern	Write and execute external code, and insert the output	Voß	511
hvfloat	Controlling captions, fullpage and doublepage floats	Voß	511
hvinde	Support for indexing	Voß	511
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	511
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	337
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	422
hvpymntex	Syntax-Highlighting of program code	Voß	511
hvqrurl	Insert a QR code in the margin	Voß	511
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	493
hwkatakana	Half-width katakana fonts	Hassenpflug	243
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	211
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	158
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	363
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	363
hypcap	Adjusting the anchors of captions	Oberdiek	363
hypdestopt	Hyperref destination optimizer	Oberdiek	363
hypdoc	Hyper extensions for doc.sty	Oberdiek	363
hypdvips	Hyperref extensions for use with dvips	Niedrist	356
hyper	Hypertext cross referencing	Mehlich	336
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	295
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	174
hypernat	Allow hyperref and natbib to work together	Berger	147
hyperref	Extensive support for hypertext in L <sup>A</sup> T <sub>E</sub> X	Oberdiek, Rahtz, Oberdiek Package Support Group, L <sup>A</sup> T <sub>E</sub> X Team	367
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	373
hypgotoe	Links to embedded files	Oberdiek	363
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	338



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	467
hyphen-spanish	Standard hyphenation rules for Spanish	Bezos López, Carmona	317
hyphenat	Disable/enable hyphenation	Robertson, Wilson	402
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	208
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	309
hyphsubst	Substitute hyphenation patterns	Oberdiek	363
hyphth1	Additional hyphenation patterns	Raichle	392
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	232
<b>IIII</b>			
i-ching	An i-ching package	Bzyl	165
iagproc	Class for two column IAG Proceedings articles	Vermeer	503
iahypen	Hyphenation patterns for Interlingua	Kleiweg	283
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	470
ibm	Metrics for IBM fonts	Rahtz	391
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	306
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	249
ibygrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	422
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	384
icelandic	Icelandic Fonts	Pind	383
iching	A font for I Ching divinations	Stanier	447
icite	Indices locorum citatorum	Alessi	127
icomma	Intelligent commas for decimal numbers	Schmidt	421
icon-appr	Creates icon appearances for form buttons	Story	453
icons	T <sub>E</sub> X icons	Carriba, Sendoukas	170
icsv	Class for typesetting articles for the ICSV conference	Robertson	400
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	219
identkey	Typesetting bracketed dichotomous identification keys	White	522
idverb	Inline verbatim identifiers	Schrod	425
idxcmds	Semantic commands for adding formatted index entries	Niederberger	356
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titz	483
idxtex	An index processor	Aurbach, Hantelmann, Iani-gro	135
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	137
IEEEconf	Macros for IEEE conference proceedings	Pakin	373
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	297
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	435
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	435
IEEEjtran	Unofficial bibliography style file for the Institute of Electrical Engineers of Japan	Ejiri	199
ietfbibs	Generate BibT <sub>E</sub> X entries for various IETF index files	Mortier	345
iexec	Execute shell commands and input their output	Bugayenko	162
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	380
ifallfalse	Compare a string against a set of other strings	Chen	173
ifdraft	Detect “draft” and “final” class options	Oberdiek	363
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	481
iffont	Conditionally load fonts with fontspec	Weiss	521
iflang	Expandable checks for the current language	Oberdiek	363
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	480
ifmslide	Presentation slides for screen and printouts	Emmel	200
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	402
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	320
ifoddpag	Determine if the current page is odd or even	Scharrer	418
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	480
ifplatform	Conditionals to test which platform is being used	Robertson, Große	401

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	535
ifsym	A collection of symbols	Klöckl	283
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	480
ifthen	Conditional commands in L <sup>A</sup> T <sub>E</sub> X documents	Lamport, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	302
ifthenx	Extra tests for \ifthenelse	Jones	267
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	480
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	480
ifxptex	Detect pTeX and its derivatives	Zhang	540
igo	Fonts and macro to typeset Go diagrams	Dupuis	195
iitem	Multiple level of lists in one list-like environment	Vitecek	508
ijc	International Journal of Control style	Balemi	136
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	378
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	505
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	330
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	155
imac	International Modal Analysis Conference format	Slater	440
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	357
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	143
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	284
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
imfellflowers	IM Fell Flower OpenType fonts	Tennent	470
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	125
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	384
import	Establish input relative to a directory	Arseneau	131
impose	PostScript imposition and support utilities	Grobgeld	234
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	505
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	275
IMTEKda	IMTEK thesis class	Dreher	192
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	455
includeRnw	Include .Rnw inside .tex	Storvik Strauman	454
includex	Extended \include	Swift	457
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	309
indent	Environments that change margins	Unknown	493
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	267
indextools	Producing multiple indices	Rouquette	410
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	384
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	441
indxcite	Generate author index based on citations	Ashton	134
infpic	Macros to insert pictures in paragraphs	Ulrych	489
infwarrerr	Complete set of information/warning/error message macros	Oberdiek	363
inhyp	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	285
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	449
inkpaper	A mathematical paper template	Liang	310
inline-images	Inline images in base64 encoding	Wäckerlin	516
inlinebib	Citations in footnotes	Seindal	430
inlinedef	Inline expansions within definitions	Hicks	250
inlinelabel	Assign equation numbers to inline equations	Kusakabe	299
innerscript	Modifies automatic mathematics spacing	Kosowsky	293

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	265
inputenx	Enhanced input encoding handling	Oberdiek	363
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	488
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	296
inputtrc	Trace which file loads which	Lück	320
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	329
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	206
insbox	Insert pictures/boxes into paragraphs	Gulczynski	235
inscrutable	A response to Perl hackers' silliness	Greene	231
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	453
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	525
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	526
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	518
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	280
intcalc	Expandable arithmetic operations with integers	Oberdiek	363
inter	The inter font face with support for L <sup>A</sup> T <sub>E</sub> X, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, and LuaLaTeX	Ebinger	197
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	225
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	151
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	297
interchar	Managing character class schemes in XeTeX	Hu	257
interfaces	Set parameters for other packages, conveniently	Chervet	174
interpol	Add interpolation to MetaPost graph package	Vieth	507
interpreter	Translate input files on the fly	Isambert, Robbers	260
interval	Format mathematical intervals, ensuring proper spacing	Madsen	325
intex	Support typesetting and indexing words and phrases	Ranange	393
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	296
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	147
inversepath	Calculate inverse file paths	Robertson	400
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	493
invoice-class	Produces a standard US invoice from a CSV file	Munn	348
invoice	Generate invoices	Corff	180
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	189
iodhbw	Unofficial template of the DHBW Mannheim	Faltin	205
ionumbers	Restyle numbers in maths mode	Schneider	423
iopart-num	Numeric citation style for IOP journals	Caprio	166
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	405
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	535
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	260
is-bst	Extended versions of standard BibTeX styles	Beebe	144
iscram	A L <sup>A</sup> T <sub>E</sub> X class to publish article to ISCRAM conferences	Gaborit	217
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	232
ishyph	Hyphenation patterns for Icelandic	Pind	384
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	473
isi2bibtex	Converter for ISI to BibTeX	Lee	305
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	353
iso	Generic ISO standards typesetting macros	Wilson	526
iso10303	Typesetting the STEP standards	Wilson	526
iso209	A document style for ISO standards	North	359
isodate	Tune the output format of dates according to language	Harders	241
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	186
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	493

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
isomath	Mathematics style for science and technology	Milde	339
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	502
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	511
isorot	Rotation of document elements	Wilson	526
isotope	A package for typesetting isotopes	Bauke	140
ispell	Multi-platform spell checker	Atkinson	134
issuulinks	Produce external links instead of internal ones	Veytsman	505
ist21	Title page for the old BSI IST/21 committee	Unknown	493
istgame	Draw Game Trees with TikZ	Cho	176
ital	Automatic italic correction	Bernstein	147
italic	Automatic italic correction for italic and slanted text	Goatley	224
iTe	Interactive T <sub>E</sub> X editor	Kühn	298
ithyph	Hyphenation patterns for the Italian language	Beccari	142
itnumpar	Spell numbers in words (Italian)	Gregorio	232
itrans-processor	Transliteration of Indian Languages	Chopde	176
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	187
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	198
iwona	A two-element sans-serif font	Nowacki	360
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	345
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	286
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	475
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	417
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	391
jamtimes	Expanded Times Roman fonts	Veytsman	505
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	494
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	466
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	387
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	344
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	217
jasthesis	A 'standard' thesis class	Shepherd	435
JavaBib	A BibTeX file manager written in Java	Unknown	494
javadoc	Documenting source code	Kiesel	277
javaDVI	DVI viewer and printer coded in Java	Hurt	258
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	534
javadoc	A Java implementation of T <sub>E</sub> X	Murphy	349
jbact	BibTeX style for biology journals	Schneider	424
JBibtexManager	Managing citations in BibTeX format	Batada	139
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	250
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	450
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	328
JeuxCartes	Macros to insert playing cards	Pierquet	382
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	337
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	536
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	387
jhep	Class for JHEP	Nesti	352
jIEEETran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	199
jigsaw	Draw jigsaw pieces with TikZ	Unknown	494
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	453
jkmath	Macros for mathematics that make the code more readable	Kaerts	269
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	284

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jkthesis	Document class for formatting a thesis	Küpper	298
jllabels	Make letter-sized pages of labels	Tartir	466
jlm	Jörg's L <sup>A</sup> T <sub>E</sub> X Mode - an advanced L <sup>A</sup> T <sub>E</sub> X mode for Jed	Sommer	443
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	344
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	125
jmakedfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	464
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	424
jmlr	Class files for the Journal of Machine Learning Research	Talbot	464
jmsdelim	A package for compositional delimiter sizing	Sterling	449
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	248
jnuexam	Exam class for Jinan University	Lyu	324
jobname-suffix	Compile differently based on the filename	Siefken	437
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	475
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	357
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	337
jphysiol	BibTeX style for the Journal of Physiology	Hennig	248
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	397
jpneduenumerate	Enumerative expressions in Japanese education	Kusakabe	299
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	299
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	299
jqt1999	Journal of Quality Technology BibTeX format	Forrest	213
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	425
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	368
jslectureplanner	Creation and management of university course material	Spitzmüller	445
jspell	An ASCII file spelling checker	Jeong	266
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	406
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	400
jumplines	Articles with teasers and continuation later on	Hupfer	258
junicode	A TrueType font for mediaevalists	Baker	136
jupynotex	Include whole or partial Jupyter notebooks in L <sup>A</sup> T <sub>E</sub> X documents	Batista	139
jura	A document class for German legal texts	Braun	157
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	519
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	147
juramisc	Typesetting German juridical documents	Sodtalbers	442
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	519
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	293
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	515
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	441
kalender-209	Produce page-per-day calendars	Schrell	425
kalender	Create a calendar, in German	Söhner	442
kanaparser	Kana parser for LuaTeX	Zahumensky	538
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	173
kantlipsum	Generate sentences in Kant's style	Gregorio	232
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	263
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	523
karnaughmap	Typeset Karnaugh maps	Michael	337
karta	Cartographic signs	Unknown	494
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	311
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	443
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	153



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	309
kdgreek	Greek fonts and macros	Dryllerakis	193
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	162
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	273
kerkis	Kerkis (Greek) font family	Tsolomitis	487
kerntest	Print tables and generate control files to adjust kernings	Harders	241
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	460
keycommand	Simple creation of commands with key-value arguments	Chervet	175
keyfloat	Provides a key/value interface for generating floats	Dunn	195
keyindex	Index entries by key lookup	Zach	537
keyparse	Key based parser	Rogard	405
keyreader	A robust interface to xkeyval	Musa	350
keystroke	Graphical representation of keys on keyboard	Niepraschk	357
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
keyval2e	A lightweight and robust key-value parser	Musa	350
keyvaltable	Re-usable table layouts separating content and presentation	Grewé	233
kfupm-math-exam	A L <sup>A</sup> T <sub>E</sub> X document style to produce homework, quiz and exam papers	Alshahrani	129
kile	A user friendly T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X editor for KDE	Wijnhout, Brachet	524
kinematikz	Design kinematic chains and mechanisms	Santos	415
kix	Typeset KIX codes	Stoks	450
KIXfont	A font for KIX codes	van Rein	396
klinz	A Klingon font	Wünsch	531
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	284
knit	Tangle and weave with multiple change files	Appelt	130
knitting	Produce knitting charts, in Plain T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Barton	139
knittingpattern	Create knitting patterns	Griffiths	233
knot	A Celtic knotwork font	Jaquina	264
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	178
knst	Multiple-guess tests	Saludes	415
knuth-base	The current state of Knuth's contributions	Knuth	286
knuth-dist	The current state of Knuth's contributions	Knuth	286
knuth-errata	Knuth's published errata	Knuth	286
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	420
knuth-letter	Knuth's example letter macros	Knuth	287
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	287
knuth-local	Knuth's local information	Knuth	287
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	420
koi8	KOI-8 input support	Blumenthal	151
koma-moderncvcl...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	442
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	289
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	290
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	290
koma-script-exa...	Examples from the KOMA-Script book	Kohm	289
koma-script-obs...	Deprecated packages from koma-script	Kohm	290
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	500
koma-script	A bundle of versatile classes and packages	Kohm	289
komacv-rg	L <sup>A</sup> T <sub>E</sub> X packages that aid in creating CVs based on the komacv class and creating related documents	Grewé	233
komacv	Typesetting a beautiful CV with various style options	Södergran	442
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	519
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	305
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	305
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	305

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	305
kpathsea	Path searching library for $\TeX$ -related files	$\TeX$ Live, Weber	476
kpfonts-otf	OpenType version of the kpfonts (Type1) designed by Christophe Caignaert	Flipo	211
kpfonts	A complete set of fonts for text and mathematics	Caignaert	165
ksfh-nat	BibTeX style for KSFH Munich	Bilger	149
ksp-thesis	A L <sup>A</sup> $\TeX$ class for theses published with KIT Scientific Publishing	Heinze	245
KTeXShell	Graphical frontend to $\TeX$	Fischer	209
ktv-texdata	Extract subsets of documents	Huynh	259
ku-template	Copenhagen University or faculty logo for front page	Pedersen	379
kurdishlipsum	A ‘lipsum’ package for the Kurdish language	Jund	269
kurier	A two-element sans-serif typeface	Nowacki	360
kuvio	Drawing macros and fonts for diagrams	Svensson	456
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	363
kvmap	Create Karnaugh maps with L <sup>A</sup> $\TeX$	Frank	214
kvoptions	Key value format for package options	Oberdiek	363
kvsetkeys	Key value parser with default handler support	Oberdiek	363
<b>LLLL</b>			
l2a	L <sup>A</sup> $\TeX$ to ASCII	Hannemyr	239
l2picfaq	L <sup>A</sup> $\TeX$ pictures “how-to” (German)	Bischoff	150
l2tabu-english	English translation of “Obsolete packages and commands”	Trettin, Fenn	486
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	128
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	539
l2tabu-spanish	Spanish translation of “Obsolete packages and commands”	Trettin, Medina Arellano	486
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	201
l2x	L <sup>A</sup> $\TeX$ to ASCII	Schulzrinne	427
l3backend	LaTeX3 backend drivers	L <sup>A</sup> $\TeX$ Team	477
l3build	A testing and building system for (La)TeX	L <sup>A</sup> $\TeX$ Team	477
l3docstrip	Strip documentation in L <sup>A</sup> $\TeX$ 3 source	L <sup>A</sup> $\TeX$ Team	477
l3experimental	Experimental L <sup>A</sup> $\TeX$ 3 concepts	L <sup>A</sup> $\TeX$ Team	477
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> $\TeX$ Team	477
l3keys2e	LaTeX2e option processing using L <sup>A</sup> $\TeX$ 3 keys	L <sup>A</sup> $\TeX$ Team	478
l3packages	High-level L <sup>A</sup> $\TeX$ 3 concepts	L <sup>A</sup> $\TeX$ Team	478
l3regex	Regular expression facilities for L <sup>A</sup> $\TeX$	L <sup>A</sup> $\TeX$ Team	478
la	School handwriting fonts	Heuer	250
laansort	Sorting within $\TeX$	van der Laan	300
labbook	Typeset laboratory journals	Küster	299
label-pln	Print address labels in three columns	Unknown	494
labelcas	Check the existence of labels, and fork accordingly	Diez	189
labelfig	Label L <sup>A</sup> $\TeX$ 2.09 figures included in documents	Siebenmann	437
labelmac3	Print Avery 5160 labels for laser printers	Rao	393
labelmag	Manage a collection of labels	Willadt	524
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	222
labels4easylist	Add reference labels to easylist items	Paciorek	372
labelschanged	Identify labels which cause endless “may have changed” warnings	Dunn	195
lablst-pkg	List names of labels in a document	Karney	271
labtex	Label diagrams produced in Metafont	Hoenig	252
labyrinth	Draw labyrinths and solution paths	Zigliotto	541
lacheck	L <sup>A</sup> $\TeX$ checker	Thorup, Abrahamsen, $\TeX$ Live	482
ladder	Draw simple ladder diagrams using TikZ	Cadiou	165
lahyph	Hyphenation patterns for the Latin language	Beccari	142
laletter	Los Alamos letter style	Sydoriak	457
lambda-lists	Lists in $\TeX$ ’s mouth	Jeffrey	265
lambdax	Use Lambda expression within L <sup>A</sup> $\TeX$	Rogard	405

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lamemo	Memo style as used at Los Alamos	Sydoriak	457
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	343
lamstex-index	Index processor for LamsTeX	Spivak	445
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	445
landscape	Set up for typesetting in landscape	Hosek	255
langcode	Simple language-dependent settings based on language codes	Lück	320
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Unknown	330
langsci-affilia...	Collect and order authors and affiliations	Kopecky	292
langsci-avm	Attribute-value matrices and feature structures for use in linguistics	Kopecky	292
langsci	Typeset books for publication with Language Science Press	Nordhoff	359
lapdf	PDF drawing directly in T <sub>E</sub> X documents	Reimers	396
laps	Zero-width boxes for annotations, etc	Unknown	494
lastbib	Record the number of citations in a document	Tuleuov	488
lastpackage	Indicates the last loaded package	Pospiech	386
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	347
LaTable	A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables	Denisov	187
lated	Graphical L <sup>A</sup> T <sub>E</sub> X picture editor	Ressler	397
latex-amsmath-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X amsmath bundle	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-base-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X kernel	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-base	Base sources of L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach	480
latex-bib-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	511
latex-bib2-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	511
latex-bnf	L <sup>A</sup> T <sub>E</sub> X macros for typing BNF specifications	Osborne	371
LaTeX-brochure	A publicity flyer for L <sup>A</sup> T <sub>E</sub> X	Flynn	212
latex-course	A L <sup>A</sup> T <sub>E</sub> X course as a projected presentation	Buxbaum	165
cyrillic	Support for Cyrillic fonts in L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	477
latex-doc-ptr	A direction-finder for L <sup>A</sup> T <sub>E</sub> X resources available online	Hefferon, Pégourié-Gonnard, Berry	244
latex-doc	Documentation supplied as part of the L <sup>A</sup> T <sub>E</sub> X distribution	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-errata	Errata for the L <sup>A</sup> T <sub>E</sub> X Manual	Lamport	301
latex-essential	Essential information for writing L <sup>A</sup> T <sub>E</sub> X documents	Warbrick, Rivera	519
latex-firstaid-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X firstaid package	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-firstaid	First aid for external L <sup>A</sup> T <sub>E</sub> X files and packages that need updating	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-fonts	A collection of fonts used in L <sup>A</sup> T <sub>E</sub> X distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	288
latex-for-under...	A tutorial aimed at introducing undergraduate students to L <sup>A</sup> T <sub>E</sub> X	Lounsbury	318
latex-git-log	Typeset git log information	Schneider	424
latex-graphics-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-graphics	The L <sup>A</sup> T <sub>E</sub> X standard graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-hlp	A VMS help file for L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	232
latex-info	Unofficial reference manual for L <sup>A</sup> T <sub>E</sub> X	Steffens, Greenwade	448
latex-lab-dev	L <sup>A</sup> T <sub>E</sub> X laboratory: Development pre-release	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-lab	L <sup>A</sup> T <sub>E</sub> X laboratory	L <sup>A</sup> T <sub>E</sub> X Team	478
latex-make	Easy compiling of complex (and simple) L <sup>A</sup> T <sub>E</sub> X documents	Danjuan	185
latex-mr	A practical guide to L <sup>A</sup> T <sub>E</sub> X and Polyglossia for Marathi and other Indian languages	Holkar	255
latex-notes-zh-cn	Chinese Introduction to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Huang	257
latex-papersize	Calculate L <sup>A</sup> T <sub>E</sub> X settings for any font and paper size	Brown	160
latex-pro-pragm...	L <sup>A</sup> T <sub>E</sub> X for pragmatists	Satrapa	416
LaTeX-Referenz	Examples from the book "L <sup>A</sup> T <sub>E</sub> X Referenz"	Voß	511
latex-refsheet	L <sup>A</sup> T <sub>E</sub> X Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	301
latex-sciences-...	(Xe)L <sup>A</sup> T <sub>E</sub> X Appliqué aux sciences humaines	Rouquette	410
latex-tabellen	L <sup>A</sup> T <sub>E</sub> X Tabellen	Voß	511

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
LaTeX-tds	A structured copy of the L <sup>A</sup> T <sub>E</sub> X distribution	Oberdiek	363
latex-tools-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	479
latex-tools	The L <sup>A</sup> T <sub>E</sub> X standard tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	479
latex-uni8	Universal inputenc, fontenc, and babel for pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Szabó	460
LaTeX-veryshort...	The Very Short Guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	212
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	330
latex	A T <sub>E</sub> X macro package that defines L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Lamport	480
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	301
latex2e-help-te...	A French translation of “latex2e-help-texinfo”	Belaïche	146
latex2e-help-te...	Unofficial reference manual covering L <sup>A</sup> T <sub>E</sub> X2e	Berry, Martinsen, Greenwade, Gilmore, Hefferon	148
latex2e-reference	A reference for L <sup>A</sup> T <sub>E</sub> X in HTML	Dietze	189
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	192
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	509
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	376
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dörner, Granzer	249
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	225
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	225
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	226
latex4wp	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	226
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	312
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	243
latexbug	Bug-classification for L <sup>A</sup> T <sub>E</sub> X related bugs	L <sup>A</sup> T <sub>E</sub> X Team	479
latexcad	A CAD drawing package	Leis	307
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	429
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	399
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	229
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	172
latexcolors	Use color definitions from latexcolor.com	Plüss	385
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	326
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	295
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	201
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	386
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilmann	483
latexdraw	CAD oriented drawing program	Siebert	438
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	320
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	241
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	448
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	258
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	177
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	334
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	179
LaTeXMng	An integrated development environment for Windows	Vabishchevich	499
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	344
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	179
latexpand	Expand \input and \include in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	346
LaTeXPiX	L <sup>A</sup> T <sub>E</sub> X picture editor for Windows	van Beurden	149
latexrelease	L <sup>A</sup> T <sub>E</sub> X release emulation	L <sup>A</sup> T <sub>E</sub> X Team	479
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	333
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	318
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	524
latin	Latin language definition for Babel	Beccari	142
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	284
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	284

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	284
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano's Interlingua	Leve	309
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	344
Layaureo	A package to improve the A4 page layout	Busdraghi	164
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	335
layouts	Display various elements of a document's layout	Robertson, Wilson	402
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	265
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	341
lccaps	Lowercased (spaced) small capitals	Giannotti	221
lcd	Alphanumeric LCD-style displays	Kaufmann	272
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	289
lcg	Generate random integers	Janka	263
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	267
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	310
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	487
leading	Define leading with a length	Robertson	400
leadsheets	Typesetting leadsheets and songbooks	Niederberger	356
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	423
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	373
lebhart	Write your articles in a colorful way	XU	532
lecturer	On-screen presentations for (almost) all formats	Isambert	260
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	166
lectureslides	Combine single PDF files into one file	Zhang	540
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	187
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	527
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	527
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	527
leftidx	Left and right subscripts and superscripts in math mode	Harders	241
leftindex	Left indices with better spacing	Ørsted	371
LElletter	A letter class for Leiden University	Kreutzer	295
leipzig	Typeset and index linguistic gloss abbreviations	Weber	520
lengthconvert	Express lengths in arbitrary units	Daniel	185
letgut	Class for the newsletter "La Lettre GUTenberg" of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	134
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	364
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	494
letter	The standard L <sup>A</sup> T <sub>E</sub> X2e letter document class	Lamport, Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	302
letter1	Letter formatting macros	Unknown	494
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	499
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	441
letterspacing	Letter spacing	Taylor	467
letterswitharrows	Draw arrows over math letters	Teegen	468
lettre	Letters and faxes in French	Mégevand, Belaïche	336
lettrine	Typeset dropped capitals	Flipo	211



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	309
levy-latex	Macros for using Silvio Levy's Greek fonts	Dafferner	183
lewis	Draw Lewis structures	Horvath	255
lexend	The Lexend fonts for Xe <sup>La</sup> TeX and Lua <sup>La</sup> TeX through fontspec	Schinko	420
lexikon	Macros for a two language dictionary	Kielhorn	277
lexitex	Footnote-style citations for law journals	Bennett	147
lexref	Convenient and uniform references to legal provisions	Vion	508
lextex	Typesetting legal documents using plain TeX	Horne	255
lfb	A Greek font with normal and bold variants	Field	207
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> TeX 2.09 fonts	Fuchs	216
lgc-examples	Examples from The L <sup>A</sup> TeX Graphics Companion	Rahtz	391
lgc2-examples	Examples from The L <sup>A</sup> TeX Graphics Companion, second edition	Mittelbach, Rahtz	341
lgraph	A program to generate graphs	Podar	385
lgreek	L <sup>A</sup> TeX macros for using Silvio Levy's Greek fonts	Murphy	349
lgrind	Produce beautiful listings of source code with L <sup>A</sup> TeX	Piefel	382
lgrmath	Use LGR-encoded fonts in math mode	Burnol	163
lgrx	Obsolete package for Greek in text	Milde	339
lh	Cyrillic fonts that support L <sup>A</sup> TeX standard encodings	Khodulev, Lapko, Berdnikov, Volovich	276
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	541
lhelp	Miscellaneous helper packages	Kuhlmann	297
libertine-legacy	Linux Libertine fonts for (La)TeX and pdf(La)TeX users	Tennent, Niedermair	473
libertine-type1	(pdf)L <sup>A</sup> TeX support for the Libertine family of fonts	Tennent	471
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> TeX	Tennent	470
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	433
libertineotf	Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX	Gundlach, Niedermair	235
libertinus-fonts	The Libertinus font family	Hosny, MacLennan	256
libertinus-otf	Support for Libertinus OpenType	Voß	512
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> TeX/pdfLaTeX	Tennent	471
libertinus	Wrapper to use the correct libertine package according to the used TeX engine	Voß	512
LibertinusT1Math	A Type 1 font and L <sup>A</sup> TeX support for Libertinus Math	Sharpe	433
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	163
librarian	Tools to create bibliographies in TeX	Isambert	260
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> TeX support	Tennent	471
librebodoni	Libre Bodoni fonts with L <sup>A</sup> TeX support	Tennent	471
librecaslon	Libre Caslon fonts, with L <sup>A</sup> TeX support	Tennent	471
librefranklin	L <sup>A</sup> TeX support for the Libre-Franklin family of fonts	Tennent	471
libris	Libris ADF fonts, with L <sup>A</sup> TeX support	Harendal, Rees	242
lie-hasse	Draw Hasse diagrams	McKay	334
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	381
liftarm	Draw liftarms	Floré	211
LigaTeX	Remove unnecessary ligatures	Killesreiter	278
Light LaTeX Make	lrmk: A build tool for L <sup>A</sup> TeX documents	Asakura	134
ligtype	Comprehensive ligature suppression functionalities	Kelkel	273
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> TeX	Liska	312
limap	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	353
limecv	A (Xe/Lua)L <sup>A</sup> TeX document class for curriculum vitæ	Pieters	382
linearA	Linear A script fonts	Syropoulos	458
linearb	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	526
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	253
linegoal	A “dimen” that returns the space left on the line	Chervet	175

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	155
linenoamsmath	Use the lineno package together with amsmath	Wette	522
ling-macros	Macros for typesetting formal linguistics	McKenzie	334
lingtrees	Linguistics trees preprocessor and macros	Andrews	129
linguex	Format linguists' examples	Sternefeld	449
linguisticspro	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	522
linsys	Typeset systems of linear equations	Kehowski	273
lintex	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	318
lion-msc	L <sup>A</sup> T <sub>E</sub> X class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)	de Dood	191
lips	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	457
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	239
lisp-on-tex	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	436
list	List ASCII text files	Knuth	287
listbib	Lists contents of BibTeX files	Kuhlmann	297
listing-pln	Almost-verbatim list programs	Toby	484
listing	Produce formatted program listings	Kuhlmann, Hebley	297
listings-ext	Automated input of source	Hoffman	252
listings	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	252
listingsutf8	Allow UTF-8 in listings input	Oberdiek	364
listbls	Creates a list of all labels used throughout a document	Melzer	336
listliketab	Typeset lists as tables	Pakin	373
listofanswers	Provide a list of answers to mathematical problems	Ipanaque	260
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	469
listofsymbols	Create and manipulate lists of symbols	Spreng	446
literate	A literate programming system, not tied to any language	Schrod	426
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	376
lithuanian-babel	Babel support for documents written in Lithuanian	Tolušis	484
lithuanian	Lithuanian language support	Tolušis	484
liturg	Support for typesetting Catholic liturgical texts	Goodman	226
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	518
lkort	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	370
LKproof	LK Proof figure macros	Tatsuta	466
llist	List ASCII text files in landscape	Knuth	287
llncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	398
llncs209	Macros for Springer books	Unknown	494
llncsconf	L <sup>A</sup> T <sub>E</sub> X package extending Springer's llncs class	Brucker	160
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	262
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	261
lmacs	A simple package for including support files	Story	453
lmake	Process lists to do repetitive actions	Pan	375
lms	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	219
ln03dvi	DVI to LN03 driver	Thomas	481
lni	Official class for the "Lecture Notes in Informatics"	Sievers	438
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	471
locality	Various macros for keeping things local	Gross	234
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	392
logbox	e-TeX showbox facilities for exploration purposes	Chervet	175
logfilter	Choose what you want to see of a (La)TeX log	Graversen	230
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	503

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
logic	A font for electronic logic design	Simpson	439
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	330
logicproof	Box proofs for propositional and predicate logic	Davidson	185
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	280
logix	Supplement to the Unicode math symbols	Finney	209
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	272
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	306
logsys	Draw logarithmic coordinate systems	Hansen	239
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	198
longdiv	Long division arithmetic problems	Arseneau	131
longdivision	Typesets long division	Chatham	173
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	307
longfigure	Provides a figure-like environment that break over pages	Arnold	131
longnamefilelist	Tidy \listfiles with long file names	Lück	320
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	169
longtocline	Macros to produce a table of contents	Unknown	494
lookbibtex	Tools for examining BibTeX files	Heidemann	244
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	350
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	191
lout	An alternative typesetting system	Kingston	279
loval	Round-cornered framed boxes	Schalück	417
lpform	Typesetting linear programming formulations and sets of equations	Waltman	518
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	332
lplfitch	Fitch-style natural deduction proofs	Zach	537
lps	Class for "Logic and Philosophy of Science"	Cevolani	171
lpw	A literate programming environment for Macs	Lindenberg	311
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	226
lsabon	Support files for the Linotype Sabon fonts	Veytsman	505
lsc	Typesetting Live Sequence Charts	Westphal	522
lscope	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
lshort-bulgarian	Bulgarian translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Karakoleva	271
lshort-czech	Czech translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Madr, Stríž, Oetiker	325
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Becuwe, Windels, Oetiker	143
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	367
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	375
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	246
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	179
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: Kurzbeschreibung	Schmidt, Gundlach, Daniel	421
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	235
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	330
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	278
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	139
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	191
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	370
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przech- lewski, Serwin	224
lshort-portuguese...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	385
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	439

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	484
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	164
lshort-slovenian	Slovenian translation of lshort	Plestenjak	384
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Artime, Rivera, Vela	134
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	508
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	271
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	385
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	354
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	532
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2 <sub>ε</sub>	Oetiker	367
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	418
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	131
lstfiracode	Use Fira Code font for listings	Zhang	540
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	246
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	359
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	191
ltablex	Table package extensions	Goel	224
ltabptch	Bug fix for longtable	Lück	320
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	139
lcaption	Fix some caption problems in longtables	Sommerfeldt	443
ltnews	The latest L <sup>A</sup> T <sub>E</sub> X news	Mittelbach, Rowley, L <sup>A</sup> T <sub>E</sub> X Team	342
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	389
litt	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	284
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	269
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	191
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	526
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	342
ltx4yt	Play YouTube videos in the default browser	Story	453
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	364
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	143
ltxdoc	Class for documented L <sup>A</sup> T <sub>E</sub> X macro files	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
ltxdockit	Documentation support	Lehman	306
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	186
ltxgrid	Control of the page grid	Ogawa	368
ltxguidex	An extended ltxguide class	Turner	488
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	322
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	399
ltxinput	Find files input by a document	Green	231
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	350
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	494
ltxnew	A simple means of creating commands	Chervet	175
ltxtable	Longtable and tabularx merge	Carlisle	167
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	350
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	368
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	175
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	235
lua-physical	Functions and objects for the computation of physical quantities	Jenni	265
lua-typo	Highlighting typographical flaws with LuaLaT <sub>E</sub> X	Flipo	211
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	253
LuauL	Underlining for LuaLaT <sub>E</sub> X	Krüger	296
lua-uni-algos	Unicode algorithms for LuaT <sub>E</sub> X	Krüger	296
lua-visual-debug	Visual debugging with LuaLaT <sub>E</sub> X	Gundlach	235
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	174
lua2dox	Auto-documentation of lua code	Dales	184

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	293
luabibentry	Repeat BibTeX entries in a LuaL <sup>A</sup> T <sub>E</sub> X document body	Kopp	292
luabidi	Bidi functions for LuaTeX	Khalighi, Rosendahl, bidi- tex GitHub Organisation	276
luacas	A computer algebra system for users of LuaLaTeX	All	128
luacensor	Securely redact sensitive information using Lua	Granet	229
luacode	Helper for executing lua code from within T <sub>E</sub> X	Pégourié-Gonnard	379
luacolor	Color support based on LuaTeX's node attributes	Oberdiek	364
luafindfont	Search fonts in the LuaTeX font database	Voß	512
luahyphenrules	Loading patterns in LuaL <sup>A</sup> T <sub>E</sub> X with language.dat	Bezos López	314
luaimageembed	Embed images as base64-encoded strings	Sachs	414
luaindex	Create index using LuaLaTeX	Kohm	290
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	411
luaintro	Examples from the book "Einführung in LuaTeX und LuaLaTeX"	Voß	512
luakeys	A Lua module for parsing key-value options	Friedrich	216
lualatex-doc-de	Guide to LuaL <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	380
lualatex-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	379
lualatex-math	Fixes for mathematics-related LuaL <sup>A</sup> T <sub>E</sub> X issues	Stephani	449
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	449
lualatex-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	215
lualibs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team	411
luamathalign	More flexible alignment in amsmath environments	Krüger	296
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	177
luamplib	Use LuaTeX's built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	237
luaoptions	Option handling for LuaL <sup>A</sup> T <sub>E</sub> X packages	Peron	381
luaotfload	OpenType 'loader' for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Roux, Hosny, Pégourié- Gonnard, Robertson, Gesang, L <sup>A</sup> T <sub>E</sub> X Team, Fis- cher, Krüger	411
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	267
luaprohtable	Programmable table interface for LuaLaTeX	Xiang	531
luapstricks	A PStricks backend for LuaLaTeX	Krüger	296
luaquotes	Smart setting of quotation marks	Granet	229
luarandom	Create lists of random numbers	Voß	512
luaseq	Drawing spectral sequences in LuaLaTeX	Bauer	140
luatex-def	LuaTeX option file for color and graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
luatex-pkg	Basic definitions for LuaTeX	Oberdiek	364
luatex	The LuaTeX engine	The LuaTeX Team	476
luatex85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	170
luatexbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	380
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	280
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	278
luatextra	Additional macros for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X in LuaTeX	Roux, Pégourié-Gonnard	411
luatodonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	312
luatruthtable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Dr. Ajit Kumar	175
luavlna	Prevent line breaks after single letter words, units, or academic titles	Hoftich	253
luaxml	Lua library for reading and serialising XML files	Hoftich	253
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	512
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	422
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	488



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lucold	Use old-style digits with Lucida fonts	Loreti	317
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	186
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	202
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	422
lwarp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	195
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	391
LXfonts	Set of slide fonts based on CM	Beccari	142
lxmail	A letter-generator that produces L <sup>A</sup> T <sub>E</sub> X output	Fasada	205
ly1	Support for LY1 L <sup>A</sup> T <sub>E</sub> X encoding	Carlisle, Schmidt, Berry	169
lyluatex	Commands to include lilypond scores within a (Lua)L <sup>A</sup> T <sub>E</sub> X document	Peron, The Gregorio Project	381
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	202
<b>MMMMM</b>			
m-pictex	Enable PicTeX to run with L <sup>A</sup> T <sub>E</sub> X	Burnus	164
M-Tx	A preprocessor for pmx	Tennent, Laurie	473
m3D	Extension of plain MetaPost for 3D graphics	Phan	381
maad	Mathematical Approximations and Documentation	Watson, Jr	243
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	393
macbibtex	BibTeX for the Macintosh	Darley	185
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	518
macrolist	List operations for L <sup>A</sup> T <sub>E</sub> X2e	Chen	173
macros2e	A list of internal L <sup>A</sup> T <sub>E</sub> X2e macros	Scharrer	418
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	306
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	488
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	488
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	488
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	205
mafr	Mathematics in accord with French usage	Obrecht	367
magaz	Magazine layout	Arseneau	132
magic	A font to go with the Magic(TM) game	Dörntge	191
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	364
magicwatermark	An easy and flexible way to set watermarks	Guo	236
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	197
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	423
mailing	Macros for mail merging	Braams	156
mailmerge	Repeating text field substitution	Frasson	214
make-env	Print USPS standard envelopes	Smith	441
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	141
make4ht	A build system for tex4ht	Hoftich	253
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	517
makebase	Typeset counters in a different base	Flynn	212
makebox	Defines a \makebox* command	Harders	241
makecell	Tabular column heads and multilined cells	Lapko	303
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	130
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	403
makecookbook	Make a Cookbook	Murphy, D'Amico	349
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	320
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	465
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	297
makeglos	Include a glossary into a document	Henlich	248
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	464
makeidx	Standard L <sup>A</sup> T <sub>E</sub> X package for creating indexes	L <sup>A</sup> T <sub>E</sub> X Team	479
makeindex	Process index output to produce typesettable code	Chen, Beebe	173
makeindexk	Makeindex development sources	Chen, T <sub>E</sub> XLive	173
makelabels	Add a 'makelabels' feature to KOMA-Script letter classes and package	Kohm	290

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	508
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	426
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	455
makeroast	Making a macro robust (legacy package)	Oberdiek	364
makeroast209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	167
makeshape	Declare new PGF shapes	Robson	404
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	327
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	252
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	127
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	246
malayalam-omega	Typesetting Malayalam using Omega	Alex	127
maltese	Support input in Maltese	Farrugia	205
malvern	A sans-serif font family	Cugley	182
mandel	Compute the Mandelbrot set	Unknown	494
mandi	Macros for introductory physics and astronomy	Heafner	244
manfnt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	277
manjutex	Manju language support	Corff	180
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	173
manual	Knuth's "manual" fonts	Knuth, Hoekwater	288
manual209	A document style for manuals	Nieland	357
Manuscript	Emulate look of a document typed on a typewriter	Cepl	171
manyfoot	Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X's footnote mechanism	Rozhenko	412
manyind	Provides support for many indexes	van der Kallen	270
mapcodes	Support for multiple character sets and encodings	Piotrowski	384
maple	Styles and examples for the MAPLE newsletter	Unknown	494
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Unknown	494
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
margbib	Display bibitem tags in the margins	Tinnefeld	483
marginal	Extensions to \marginpar handling	Tolušis	484
marginfit	Improved margin notes	Leclaire	304
marginfix	Patch \marginpar to avoid overfull margins	Hicks	250
marginnote	Notes in the margin, even where \marginpar fails	Kohm	290
marginnote	Make numbered notes in the margin	Greenwade	232
markdown	A package for converting and rendering markdown documents inside T <sub>E</sub> X	Novotný	359
marnote	Place text in the margin of a document	McCauley	333
marvosym	Martin Vogel's Symbols (marvosym) font	Henlich, Vogel, Miklavc	248
matapli	Class for the french journal "MATAPLI"	Chupin	177
matc3	Commands for MatematicaC3 textbooks	Vrettos	516
matc3mem	Class for MatematicaC3 textbooks	Vrettos	516
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	186
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	512
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	230
mathabx-type1	Outline version of the mathabx fonts	Hotta	257
mathabx	Three series of mathematical symbols	Phan	381
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	433
mathalphabets	Chinese introduction to mathematical alphabets	Chao	172
mathastext	Use the text font in maths mode	Burnol	163
mathbbol	Use the bbold fonts in mathematics	Knappen	284
mathcmd	Mathematics support commands	Bosisio	154
mathcommand	\newcommand-like commands for defining math macros	Colcombet	178
mathcomp	Text symbols in maths mode	Böß	154
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	382
mathdots	Commands to produce dots in math that respect font size	Luecking	321
mathematica	Support for fonts distributed with Mathematica	Kuska	299

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mathesatz-examples	Examples from the book "Mathematiksatz mit L <sup>A</sup> T <sub>E</sub> X"	Voß	512
mathexam	Package for typesetting exams	Hlavacek	251
mathfam256	Extend math family up to 256 for pLaTeX/upLaTeX/Lamed	Yamashita	533
mathfixs	Fix various layout issues in math mode	Beisert	145
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	293
mathgfg	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	505
mathinst	Merge font families to create mathematical font sets	Hoening	252
mathkit	Generate maths fonts to match outline fonts	Hoening	252
mathlig	Define maths "ligatures"	Bean	141
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	397
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	388
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	421
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	265
mathptmx	Use Times as default text font, and provide maths support	Schmidt, Jeffrey, Rahtz, Vieth, L <sup>A</sup> T <sub>E</sub> X Team	422
mathpunctspace	Control the space after punctuation in math expressions	Kieda	276
mathrsfs	Support for using RSFS fonts in maths	Knappen	284
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	168
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	538
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	489
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	147
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	503
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	345
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	460
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	126
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	192
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	213
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	341
mathtime-metrics	MathTime AFM files	Unknown	494
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	309
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	254
MathTrip	A trip to the wonderful world of mathematics	Aubord	135
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	508
matlab-prettyfier	Pretty-print Matlab source code	Cretel	182
matlabweb	Literate programming system for Matlab	Potse	386
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	194
mattens	Matrices/tensor typesetting	Els	199
mattex	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	442
maybeload	Prevent reloading of files	Unknown	494
maybemath	Make math bold or italic according to context	Buckley	161
mbboard	Comprehensive blackboard bold fonts	Phan	381
mbenotes	Notes in tables or images	Borck-Elsner	153
mboxfill	Fill free space with a pattern	Rozhenko	412
mcaption	Put captions in the margin	Hennig	248
mceinleger	Creating covers for music cassettes	Benischke	146
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	500
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	533
mcite	Multiple items in a single citation	Ohl	368
mciteplus	Enhanced multiple citations	Shell	435
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	257
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	304
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	185

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	505
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	427
mdvi	A DVI previewer	Atria	134
mdwfonts	A model for font manipulation	Wooding	529
mdwlist	Miscellaneous list-related commands	Wooding	529
mdwmath	Some maths extensions	Wooding	529
mdwtab	A reimplementaion of tabular and array environments	Wooding	529
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	529
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	188
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	228
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	228
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	298
meetingmins	Format written minutes of meetings	Beitzel	146
megatape	Make cassette tape labels	Nickel	354
mem	A multilingual system for Lamed	Bezós López	314
membranecomputing	Membrane Computing notation	Orellana Martín	329
memdesign	Notes on book design	Wilson, Madsen	527
memexsupp	Experimental memoir support	Madsen	326
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	527
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	494
memo2	A memo document style	McPherson	335
memo209	A memo document style	Roth	409
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	527
MemoirChapterSt...	Chapter styles in memoir class	Madsen	326
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	541
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	448
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	264
mensa-tex	Typeset simple school cafeteria menus	Friedl	215
mentis	A basis for books to be published by Mentis publishers	Verweyen	504
menu	Typesetting menus	Lickert	310
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	214
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	520
MEP_article	Class for Mechanical Engineering Publications	Balemi	136
meper	MetaPost editor and previewer	Pan	375
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte- gration	Sturm	455
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	334
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
messagebubbles	Display message bubbles as a conversation	Harrer	243
messagepassing	Draw diagrams to represent communication protocols	Vassor	501
meta-mode	Emacs mode for Metafont/post	Vieth	507
metafont-beginners	An introductory tutorial for Metafont	Tobin	484
Metafont	A system for specifying fonts	Knuth	287
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	526
metago	MetaPost output of Go positions	Zheng	541
metainfo	Typeset document outline with metainfo	Sauer	416
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	345
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	195
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	157
metaobj	MetaPost package providing high-level objects	Roegel	405
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	345
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	482
MetaPost examples	Example drawings using MetaPost	Zoonekynd	542
metapost-matlab	MetaPost data plotting in Matlab style	Yang	534
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	476

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
metastr	Store and compose strings	Beisert	145
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	170
metatype1	Generate Type 1 fonts from MetaPost	JNS team	266
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	220
method	Typeset method and variable declarations	Leineweber, Drucbert	307
metre	Support for the work of classicists	Boggio-Togna	152
metric	Typeset metric marks for Latin text	Weh	520
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	396
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	262
mf-ps	Metafont-PostScript conversions	Jackowski	261
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	534
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	374
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	458
mf2tex	Add labels into drawings created with Metafont	Spalek	444
mfbook	The source of The Metafontbook	Knuth	287
mff-util	Metafont management	Cugley	182
mff	Multiple font formats	Berdnikov, Turtia	147
mfirstuc	Uppercase the first letter of a word	Talbot	464
mflogo-font	Metafont logo font	Knuth, Hoekwater	288
mflogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	507
mflogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	256
mfnfss	Packages to typeset oldgerman and pandora fonts in L <sup>A</sup> T <sub>E</sub> X	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	322
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	328
mftinc	Pretty-print Metafont source	Pakin	374
mftrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	357
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	288
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	298
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	508
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	254
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	518
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	249
mhequ	Multicolumn equations, tags, labels, sub-numbering	Hairer	237
mhs	Historical mathematics	Brix	158
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	326
mi-solns	Extract solutions from exercises and quizzes	Story	453
miama	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	407
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	337
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	426
microtype	Subliminal refinements towards typographical perfection	Schlicht	420
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	289
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	484
Midi2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	299
midnight	A set of useful macro tools	van der Goot	227
midpage	Environment for vertical centring	Robertson, Wilson	403
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	322
miktex-portable	A version of MikTeX to carry around	Schenk	419
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	419
miktex_update	A cygwin bash script for automatic updating and installing new packages of MikTeX	Kleber	281
mil	Samples from Math into L <sup>A</sup> T <sub>E</sub> X	Grätzer	230



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mil3	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition	Grätzer	230
miller	Typeset miller indices	Harders, Pedersen	242
milog	A L <sup>A</sup> T <sub>E</sub> X class for fulfilling the documentation duties according to the German minimum wage law MiLoG	Kleber	281
milstd	Generate documents according to MIL STD 490	McPherson	335
MilSymb	L <sup>A</sup> T <sub>E</sub> X package for TikZ based drawing of military symbols as per NATO APP-6(C)	Crosby	182
mimetex	Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps	Forkosh	213
mindflow	Write your ideas in a clear way	XU	532
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	400
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	305
minifp	Fixed-point real computations to 8 decimals	Luecking	321
miniltx	An abstract of L <sup>A</sup> T <sub>E</sub> X facilities for use with Plain T <sub>E</sub> X	Carlisle, Berry	168
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	397
minim-math	Extensive maths for LuaTeX	Renkema	397
minim-mp	Low-level mplib integration for LuaTeX	Renkema	397
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	397
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	397
minim	A modern plain format for the LuaTeX engine	Renkema	397
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	479
minimalist	Write your articles or books in a simple and clear way	XU	532
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	433
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	151
minipage-marginpar	Minipages with marginal notes	Ebermann	196
MiniPlot	A package for easy figure arrangement	Wahl	517
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	193
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	235
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	386
mintspirit	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	471
minutes	Typeset the minutes of meetings	Lickert	310
mirr	PostScript mirror header (for dvips)	BOP	152
mismath	Miscellaneous mathematical macros	Missier	340
missaali	A late medieval OpenType textura font	Syrjänen	458
mitpress	Typeset documents for MIT Press	Unknown	495
mk	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	186
mkbangtex	A preprocessor for BangTeX	Ray	394
mkbib	BibTeX file creator	Banerjee	137
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	364
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	399
mkpic	Perl interface to mfpic	Dekker	186
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	131
mkstmp	Provides a simple workflow for creating custom stamps	Story	453
mla-paper	Proper MLA formatting	Aycock, Wheelwright	135
mla	MLA BibTeX styles	Weissert, Shaw	521
mlacsls	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	387
mlbib	Support for multilingual bibliographies	Matiaske	331
mleftright	Variants of delimiters that act as maths open/close	Oberdiek	364
mlist	Logical markup for lists	Robertson	400
MLMath	Mathematical notation for Machine Learning	Ma	325
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	339
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	392
mltex	The MLTeX system	Raichle, Ferguson	392
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschaftsrat Mathe-matik/Informatik Uni Halle	202

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mm	A jiffy Multiple Master tool	Goossens, Rahtz	227
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	221
mmafm	Font metrics for multiple-master font	Kohler	289
mmap	Include CMap resources in PDF files from pdfTeX	Moore	343
mmpfb	Create instance of multiple-master font	Kohler	289
mmttools	Multiple master fonts tools	Kohler	289
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	140
mnotes	Margin annotation for collaborative writing	Luz	324
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	529
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube	411
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	151
mnttex	Tools for the "The Secret History of the Mongols"	Corff	180
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	429
moderncv	A modern curriculum vitae class	Danaux, Lachnit	185
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	188
moderntimeline	Timelines for use with moderncv	Pinson	384
modes	A collection of Metafont mode_def's	Berry	148
modguide	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	479
modiagram	Drawing molecular orbital diagrams	Niederberger	356
modref	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	141
modroman	Write numbers in lower case roman numerals	Henel	248
modular	Relative section headings for modular documents	Sank	415
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	226
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	375
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	140
monofill	Alignment of plain text	Lück	320
monster	Obsolete name for Frankenstein	Swift	457
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	180
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	433
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerin-Kern	247
moonphase	Font for representing the phases of the moon	Brabec	156
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	457
moreenum	More enumeration options	Bradley	157
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	256
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	298
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	320
moresize	Allows font sizes up to 35.83pt	Cornelssen	181
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	203
morewrites	Always room for a new write stream	Le Floch	211
morisawa	Enables selection of 5 standard Japanese fonts for pL <sup>A</sup> T <sub>E</sub> X + dvips	Japanese T <sub>E</sub> X Team	264
morse	Support for printing Morse code signs	Heyl	250
movie15	Multimedia inclusion package	Grahn	228
threed	3D animations	Roegel	405
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	489
mparrows	MetaPost module with different types of arrow heads	Jørgensen	268
mpattern	Patterns in MetaPost	Bolek	152
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	248
mpdinbrief	An enhanced version of dinbrief	Pilzecker	383
MPEdit	MetaPost text editor for Win32	Vabishchevich	499
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	339

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	275
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	251
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	145
MPStoEPS	A convertor from MetaPost output to Encapsulated PostScript	Henderson	247
mptrees	Probability trees with MetaPost	Péault	378
mrcheckbib	A BibTeX file verification tool	Cagnol	165
mrrecog	Recognise un-escaped command names in maths	Wentworth	521
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	426
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	188
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	219
mslapa	Michael Landy’s APA citation style	Landy	302
msu-thesis	Class for Michigan State University Master’s and PhD theses	Munn	348
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	495
msym	A partial implementation of the old msym10 font	Horn	255
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	311
mtbe	Macros for ”Mathematical T <sub>E</sub> X by Example”	Borde	153
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	449
mtgreek	Use italic and upright greek letters with mathtime	Tinnefeld	483
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	445
mucproc	Conference proceedings for the German MuC-conference	Peischl	380
mugstheis	Thesis class complying with Marquette University Graduate School requirements	Gessler	220
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	495
multenum	Multi-column enumerated lists	Kletzing	283
multiaudience	Several versions of output from the same source	Veytsman	505
multibbl	Multiple bibliographies	Syropoulos	458
multibib	Multiple bibliographies within one document	Hansen	239
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	178
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	273
multicap	Format captions inside multicols	Vassilogiorgakis	501
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	370
multicolrule	Decorative rules between columns	Hagen	237
multidef	Quickly define several similar macros	Markey	329
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	538
multienv	Multiple environments using a “key=value” syntax	Scharrer	418
multiexpand	Variations on the primitive command \expandafter	Le Floch	211
multifootnote	Multiple numbers for the same footnote	XU	532
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	233
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	313
multiobjective	Symbols for multiobjective optimisation etc	Martí	329
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	394
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	370
multitoc	Set table of contents in multiple columns	Schröder, Peischl	426
munich	An alternative authordate bibliography style	Brixner	159
musical	Typeset (musical) theatre scripts	Howell	257
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	170
musictex	Typesetting music with T <sub>E</sub> X	Taupin	467
musikui	Easy creation of “arithmetical restoration” puzzles	Kaneko	270
musixguit	Easy notation for guitar music, in MusixTeX	Niederberger	356
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	197

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
musixtex-fonts	Fonts used by MusixTeX	Tennent, Uchiyama, Taupin	473
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	489
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	473
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	471
musuos	Typeset papers for the department of music, Osnabrück	Weh	520
mthesis	Classes for University of Manchester Dept of Computer Science	Gough	228
mversion	Keeping track of document versions	Schmeing	420
mwcls	Polish-oriented document classes	Woliński	529
mwe	Packages and image files for MWEs	Scharrer	418
mweights	Support for multiple-weight font packages	Tennent	471
mwrite	Write information to files	Creutzig	182
mxd	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	180
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	245
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	356
mycv	A list-driven CV class, allowing TikZ decorations	Gheri	221
myfilist	Configuring the output of the <code>\listfiles</code> command	Lück	320
mylatex	Make a format containing a document’s preamble	Carlisle	167
mylatexformat	Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file	Chervet	175
myletter	An old letter class	Kielhorn	277
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	389
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	343
na-box	Arabic-aware version of pas-cours package	Mohamed	342
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	343
nabatean	Font for Nabatean script	Wilson	526
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	428
nahuatl	Render nahuatl glyphs	Alvarez Zavala	539
nameauth	Name authority mechanism for consistency in body text and index	Schaum	419
named	”Named” bibliography style	Patel-Schneider	378
namedef	TeX definitions with named parameters	Oleinik	368
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	367
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	192
namunsrt	An unsorted BibTeX style with labels provided in the database	Unknown	495
nanicolle	Typesetting herbarium specimen labels	Yang	534
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	278
nar	BibTeX style for Nucleic Acid Research	Schneider	424
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	311
natbib	Flexible bibliography support	Daly, Ogawa	184
natded	Typeset natural deduction proofs	Ajalooeian	126
Nath	Natural mathematics notation	Marvan	329
natmove	Move punctuation following a citation	Wright, Arseneau	531
nature	Prepare papers for the journal Nature	Czoschke	183
navigator	PDF features across formats and engines	Isambert	260
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	404
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	338
nbaseprt	Print numbers in non-decimal bases	Harders	241
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	506
nccbbb	”Poor man’s” blackboard bold	Rozhenko	412
nccboxes	Elaborate box commands	Rozhenko	412

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	412
ncccropbox	Crop-marked boxes	Rozhenko	412
ncccropmark	Draw cropmarks on the output page	Rozhenko	412
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	412
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	412
nccfoots	User-generated footnote marks	Rozhenko	412
NCC-LaTeX	An extended general-purpose class	Rozhenko	412
nccmath	Extended mathematics capabilities	Rozhenko	412
nccparskip	Modify skips between paragraphs	Rozhenko	412
nccpic	Extend the graphicx package for more formats	Rozhenko	413
nccrules	Compose dashed lines	Rozhenko	413
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	413
ncctest	Insert a stretch between each token of a string	Rozhenko	413
nccthm	Another theorem environment	Rozhenko	413
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	413
nChairX	Maths macros from chair X of Würzburg University	Dippell	190
nddiss	Notre Dame Dissertation format class	Vijay, Brower	508
ndsu-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	166
ndsu-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	482
NEdit-LaTeX-Ext...	The L <sup>A</sup> T <sub>E</sub> X-Mode is a set of macros for the NEdit text editor	Fischer	209
needspace	Insert pagebreak if not enough space	Robertson, Wilson	403
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	489
nemocal	Calendar maker	Jeong	266
nestquot	Alternate quotes between double and single with nesting	Hars	243
neufont	New font installation	Lorenz	317
neuralnetwork	Graph-drawing for neural networks	Cowan	181
neuron	BibTeX style for the journal Neuron	Rizzuto	400
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	151
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	205
newapa	Another APA citation mechanism	Spencer, Ryu	444
newcastle-bst	A BibTeX style to format reference lists in the Harvard at Newcastle style	Briggs	158
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	457
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	374
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	487
newenvron	Processing an environment's body	Musa	350
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	403
newfloat	Define new floating environments	Sommerfeldt	443
newinsert	Reworking Plain T <sub>E</sub> X's insert macros	Neumann	354
newl <sub>fm</sub>	Write letters, facsimiles, and memos	Thompson	482
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	210
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	383
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	433
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	224
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	128
newthm	Obsolete version of ntheorem	Schlechte	420
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	433
newtxsf	Sans-math fonts for use with newtx	Sharpe	433
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	433
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	232
newvbm	Define your own verbatim-like environment	Nakashima	351
newverbs	Define new versions of \verb, including short verb versions	Scharrer	418
nextpage	Generalisations of the page advance commands	Robertson, Wilson	403
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	512
nfssect-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	395



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nfssfont	Typesetting font tables using L <sup>A</sup> T <sub>E</sub> X's NFSS notation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
ngerman	Support for new German typography	Raichle	392
nicefilelist	Provide \listfiles alignment	Lück	320
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	396
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	357
niceframe	Support for fancy frames	Ohlhaut	368
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	376
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	320
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	320
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	264
nih	A class for NIH grant applications	Donald	190
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	326
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	433
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	411
ninecolors	Select colors with proper WCAG color contrast	Lyu	324
NJUrepo	Reports for Nanjing University	Zheng	541
njusthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	541
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	541
njuvisual	Display logos related to Nanjing University	Xiong	532
nkarta	A "new" version of the karta cartographic fonts	Luecking	322
nl-interval	Represent intervals on the number line	Neves	354
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	255
nlctdoc	Package documentation class	Talbot	464
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	506
nn draw	Draw neural networks	Dias	189
nnext	Extension for the gb4e package	LaCara	300
nnfootnote	"No number" footnotes	Ellison	199
noconflict	Resolve macro name conflict between packages	Hossain	256
nodetree	Visualize node lists in a tree view	Friedrich	216
nofill	Preserve spaces and line breaks when setting text	Unknown	495
nohyph	Norwegian hyphenation	Kleveland, Selberg,	283
nohyphbx	General hyphenation patterns for Norwegian	Hufthammer	
noindentafter	Prevent paragraph indentation after environments or macros	Kleveland, Selberg	283
noitcrul	Improved underlines in mathematics	Helvensteijn, Hanisch	247
nolbreaks	No line breaks in text	Ebermann	196
nomenc1	Produce lists of symbols as in nomenclature	Arseneau	132
nomentbl	Nomenclature typeset in a longtable	Veytsman, Radhakrishnan,	506
nonfloat	Non-floating table and figure captions	Netherton, Schandl	
nonumonpart	Prevent page numbers on part pages	Elmegaard	199
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Rascher	393
noprot	Avoid the need for protection	Henel	248
norbib	Norwegian bibliography styles	Carlisle	167
normalcolor	Changing \normalcolor	Sozuer	444
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Langmyhr	302
notes	Mark sections of a document	Kohm	290
notes2bib	Integrating notes into the bibliography	Veytsman	506
NotesPages	Filling documents with notes pages and notes areas	Webb	520
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Wright	530
noTeX-bst	A BibTeX style that outputs HTML	Kaufmann	272
noto-emoji	Noto Emoji fonts	Dhumuntarao	188
noto	Support for Noto fonts	Vigna	507
notoccite	Prevent trouble from citations in table of contents, etc	Zeng	540
		Tennent	471
		Arseneau	132

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
notoCJKsc	This package provides Noto CJK fonts	Zhou	541
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	471
notomath	Math support for Noto fonts	Sharpe	433
novel	Class for printing fiction, such as novels	Allgeyer	128
noweb	A simple extensible literate programming tool	Ramsey	393
nowidow	Avoid widows	Pinson	384
nox	Adaptable tables	Borck-Elsner, Schöpf	153
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	416
nrc	Class for the NRC technical journals	Fairbairns, Thiele	204
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	455
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Gebruikersgroep	352
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	495
ntgclass	"European" versions of standard classes	Eijkhout, Braams	198
nth	Generate English ordinal numbers	Arseneau	132
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	259
ntheorem	Enhanced theorem environment	May, Schedler	332
NTS-L	NTS mailing list digests	Unknown	495
NTS	New Typesetting System	The NTS Project	476
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	285
nuc	Notation for nuclear isotopes	Davis	186
nucleardata	Provides data about atomic nuclides for documents	Nettles	352
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	330
numberedblock	Print a block of code, with unique index number	Segletes	430
numberpt	Counters spelled out in Portuguese	Frasson	214
numending	Generates morphological end of units	Kirillova	279
numERICA-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	377
numERICA-tables	Create multi-column tables of mathematical functions	Parsloe	377
numERICA	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	377
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	292
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	263
numname	Convert a number to its English expression	Swamidass	456
numnameRU	Converts a number to the Russian spelled out name	Vit	508
numprint	Print numbers with separators and exponent if necessary	Harders	241
numspell	Spelling cardinal and ordinal numbers	Tómacs	485
Nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	197
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	220
nwejm	Support for the journal "North-Western European Journal of Mathematics"	Bitouzé	150
<b>OOOOO</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	526
obas	Web based interface to a bibliographical database	van Heerden	244
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	364
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	391
obnov	Obyknovennaya Novaya fonts	Solomykov	442
obsolete	A tree holding obsolete software	Unknown	495
oca	OCR A font	Wales	517
occam	Strip unnecessary macros from a file	Siebenmann	437
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	522
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	329
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	217
ocgx2	Drop-in replacement for 'ocgx' and 'ocg-p'	Grahn	229
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	284
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	458

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ocr-a	Fonts for OCR-A	Wales, Lillqvist	517
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	517
ocr-b	Fonts for OCR-B	Schwarz	428
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	268
octave	Typeset musical pitches with octave designations	Cashner	170
octavo	Typeset books following classical design and layout	Revets	397
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	253
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	135
ofntinst	Install Type 1 for use with Omega	Kryukov	296
ofs	Macros for managing large font collections	Olšák	369
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	448
ogonek	Support for Polish typography and the ogonek	Bień	149
oinuit	L <sup>A</sup> T <sub>E</sub> X Support for the Inuktitut Language	Syropoulos	459
okuda	Fonts for Klingon	Kummer, Shoulson	298
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	191
old-faq-en	An early FAQ in English	Bodenheimer	151
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	335
oldlatin	Compute Modern-like font with long s	Terashita	473
oldprsn	Fonts old Persian cuneiform script	Wilson	526
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	296
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	203
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	486
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	369
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	240
12many	Generalising mathematical index sets	Schwarz	428
OneDown	Typeset Bridge Diagrams	Wiersma	523
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	383
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using amsmath	Harders	241
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	332
oops	A framework for making definitions, typically mathematical, inline	Rogard	405
opacity-pro	Set transparency and blend mode	Story	453
opcit	Footnote-style bibliographical references	Garcia-De Castro	170
opencolor	Simple use of the Open Color colors	Piazzai	381
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	343
oPlotSymb1	Some symbols which are not easily available	Döhring	190
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	197
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	369
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	243
optidef	Environments for writing optimization problems	Lago Garcia	218
optional	Facilitate optional printing of parts of a document	Arseneau	132
options	Provides convenient key-value options for L <sup>A</sup> T <sub>E</sub> X package writers	Leijen	307
optparams	Macros with multiple optional parameters	Sauer	416
orcidlink	Insert hyperlinked ORCID logo	Stein	449
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	437
orderrefs	Sort bibliography in L <sup>A</sup> T <sub>E</sub> X document by order of citation	Collins	179
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	215
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	388
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	339
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	246
orkhun	A font for orkhun script	Rakhimov	392
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	283

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	370
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	448
osmanian	Osmanian font for writing Somali	Stanier	447
Oswald	The Oswald family of fonts with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	197
ot-tableau	Optimality Theory tableaux in L <sup>A</sup> T <sub>E</sub> X	Baker	135
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	391
OT2Woff	OpenType to Woff converter	Frane Jr	269
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	372
otftofd	Generate control files for OpenType fonts	Washburn	519
othello	Modification of a Go package to create othello boards	le Comte	179
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	238
oubraces	Braces over and under a formula	Arseneau	132
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	267
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	208
outline	List environment for making outlines	Halvorson, Flaxman	238
outliner	Change section levels easily	Eijkhout	198
outlines	Produce "outline" lists	Pecheur	379
outlining	Create outlines for scientific documents	Block	151
oval	Round-cornered framed boxes	Schalück	417
ovalfbox	Boxes with frames whose corners are rounded	Unknown	495
overcite	Compressed lists of superscript numerical citations	Arseneau	132
overlays	Incremental slides	Nolda	359
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	357
overrightarrow	Doubled "over" arrow	Kilfiger	277
overword	Parse text	Bennett	147
oxford	A BibTeX style geared for use in the humanities	Antman	130
oxtex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	317
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	337
oxtex	TeX for the Macintosh	Trevorrow	486
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	526
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	472
padcount	Pad numbers with arbitrary characters	Goodman	226
pagecolor	Interrogate page colour	Münch	347
pagecont	Page numbering that continues between documents	Frasson	215
pagedraw	Drawing program with EPS output	Karunakaran	272
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	419
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	441
pagegrid	Print page grid in background	Oberdiek	364
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	512
pageno	Page number-only page styles	McDonnell	334
pagenote	Notes at end of document	Robertson, Wilson	403
pagerange	Flexible and configurable page range typesetting	Musa	350
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	490
pagesel	Select pages of a document for output	Oberdiek	364
pageslts	Variants of last page labels	Münch	347
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	391
palette	Create palettes for colors and symbols that can be swapped in	Chen	173
palladam	A Tamil font for Macintosh users	Govindaraj	228
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	268
pandora-type1	The Pandora font family	McPhee, Billawalla	335

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pandora	The Pandora font family	Billawalla	149
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	540
paper	Versions of article class, tuned for scholarly publications	Matiaske	331
papercdcase	Origami-style folding paper CD case	Dussa	195
papermas	Compute the mass of a printed version of a document	Münch	347
papertex	Class for newspapers, etc	Llopis	312
paracol	Multiple columns with texts “in parallel”	Nakashima	351
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	376
paragraphs	Paragraph “tricks” macros	Unknown	495
paralist	Enumerate and itemize within paragraphs	Schandl	417
parallel	Typeset parallel texts	Eckermann	197
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	205
parboxx	Two extra alignment options for \parbox	Knappen	285
parcolumns	Multiple column parallel typesetting	Sauer	416
paresse	Define simple macros for greek letters	Henel	248
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	275
parnotes	Notes after every paragraph (or elsewhere)	Hughes	258
parrun	Typesets (two) streams of text running parallel	Dominici	190
parsa	A X <sub>Y</sub> -L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	393
parselines	Apply a macro to each line of an environment	Chervet	175
parsitex	A localized Persian and bidirectional extension of T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	275
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	203
pas-cours	Macros useful in preparing teaching material	Pasquet	377
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	377
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	377
pas-tableur	Create a spreadsheet layout	Pasquet	377
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	220
passivetex	Support package for XML/SGML typesetting	Rahtz	391
patch	Patch loaded packages, etc.	Kastrup	272
patchcmd	Change the definition of an existing command	Downes	192
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	310
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	240
path	Typeset paths, making them breakable	Taylor	467
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	196
pawpict	Using graphics from PAW	Holm Christensen	176
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	367
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	162
pbalance	Balance last page in two-column mode	Lago	301
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	326
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	264
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	138
pbmto gf	Convert PBM images to GF font files	Wong	529
PBMtoPK	Conversion between PBM and PK formats	Duggan	194
pbox	A variable-width \parbox command	Law	304
pbsheet	Problem sheet class	Chafaï	171
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	506
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	386
pclnfss	Font support for current PCL printers	Harcke	240
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	146
pdcmac	Damian Cugley’s document tools	Cugley	182
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	294
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	237



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdf-trans	A set of macros for various transformations of $\TeX$ boxes	Jackowski	263
pdf14	Restore PDF 1.4 to a $\TeX$ live 2010 format	Pégourié-Gonnard	379
pdfarticle	Class for pdf publications	Paciorek	372
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	199
pdfbook2	Create booklets from PDF files	Neumann	354
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	364
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	364
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	364
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	364
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	364
pdfcomment	A user-friendly interface to pdf annotations	Kleber	281
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	427
pdfcrop	Crop PDF graphics	Oberdiek	365
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	365
pdfescape	Implements pdfTeX's escape features using $\TeX$ or e-TeX	Oberdiek	365
pdfextra	Extra PDF features for (Op)TeX	Vlasák	509
pdfjam	Shell scripts interfacing to pdftypes	Firth, Thomas	209
pdfflatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	524
pdfscape	Make landscape pages display as landscape	Oberdiek	365
pdfmanagement-t...	L <sup>A</sup> $\TeX$ PDF management testphase bundle	L <sup>A</sup> $\TeX$ Team	479
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	207
pdfoverlay	A L <sup>A</sup> $\TeX$ style for overlaying text on a PDF	Purton	388
pdfpagediff	Find difference between two PDF's	Radhakrishnan	390
pdfpages	Include PDF documents in L <sup>A</sup> $\TeX$	Matthias	332
pdfpc-movie	Pdftoc viewer-compatible hyperlinks to movies	Friedl	215
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	447
pdfprivacy	A L <sup>A</sup> $\TeX$ package to remove or suppress pdf meta-data	Sion	439
PDFrack	Use psfrag with pdfLaTeX	Boyer	156
pdfrender	Control rendering parameters	Oberdiek	365
pdfreview	Annotate PDF files with margin notes	Palmer	375
pdfscreen	Support screen-based document design	Radhakrishnan	390
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	390
pdfsync	Provide links between source and PDF	Laurens	304
pdftex-def	Colour and Graphics support for pdfTeX	Carlisle, Rahtz, Hagen, Schröder, Oberdiek	169
pdftex-djgpp	An msdos-djgpp binary of the pdfTeX engine	Rivera	399
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	277
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	294
pdftex	A $\TeX$ extension for direct creation of PDF	Thành, The pdfTeX Team, $\TeX$ Live	474
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	365
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	390
pdftricks2	Use PSTricks in pdfTeX	Reibiger	395
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	390
pdfxup	Create n-up PDF pages with minimal margins	Markey	329
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	263
pedigree-perl	Generate $\TeX$ pedigree files from CSV files	Veytsman, Akhmadeeva	506
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> $\TeX$ users	Ewasiuk	202
penrose	A TikZ library for producing Penrose tilings	Stacey	446
perception	BibTeX style for the journal Perception	Singer	439
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	348
perltext	Define L <sup>A</sup> $\TeX$ macros in terms of Perl code	Pakin	374

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
permute	Support for symmetric groups	Heinz	245
perpage	Make a counter reset at every page boundary	Kastrup	272
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	129
petiteannonce	A class for small advertisements	Belaïche	146
Petri-nets	A set TeX/L <sup>A</sup> TeX packages for drawing Petri nets	Pommereau	385
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	153
pfarrei	L <sup>A</sup> TeX support of pastors' and priests' work	Kohm	290
pficons	Draw process flow diagrams in chemical engineering	Drews	192
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	302
pfnote	Number footnotes per page	Nakashima	351
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	387
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	388
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	520
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	225
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	476
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	187
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	225
pgf-umlcd	Some L <sup>A</sup> TeX macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	537
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	476
pgf	Create PostScript and PDF graphics in TeX	The PGF/TikZ Team, Tan-tau, Feuersänger, Menke	476
pgfgantt	Draw Gantt charts with TikZ	Skala	440
pgfkeys	Key value control for PGF	Tantau	466
pgfkeyx	Extended and more robust version of pgfkeys	Musa	350
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	446
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	440
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	446
pgfopts	L <sup>A</sup> TeX package options with pgfkeys	Wright	530
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	311
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	331
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	207
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	207
pgothic	Fonts based on the Gothic Textura Prescisus manuscript book-hand	Wilson	526
phaistos	Disk of Phaistos font	Syropoulos	459
phfcc	Convenient inline commenting in collaborative documents	Faist	204
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	204
phffullpagefigure	Figures which fill up a whole page	Faist	204
phfnote	Basic formatting for short documents	Faist	204
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	204
phfqit	Macros for typesetting Quantum Information Theory	Faist	204
phquotetext	Quote verbatim text without white space formatting	Faist	204
phfsvnwatermark	Watermarks with version control information from SVN	Faist	204
phfthm	Goodies for theorems and proofs	Faist	204
philex	Cross references for named and numbered environments	Pagin	372
philokalia	A font to typeset the Philokalia Books	Syropoulos, Gamvetas	459
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	506
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	526
phoncard	Format telephone number lists	Greening	231
phonenumber	Typesetting telephone numbers with L <sup>A</sup> TeX	Wehr	520
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	378
phonrule	Typeset linear phonological rules	Coretta	180
photo	A float environment for photographs	Kuhlmann	297
photobook	A document class for typesetting photo books	Naanou	351
phy-bstyles	A collection of BibTeX styles for physics journals	Karney, Bode	271

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
physconst	Macros for commonly used physical constants	Mulligan	346
physe	The PHYSE format	Breitenlohner	158
physics	Macros supporting the Mathematics of Physics	de la Barrera	138
physunits	Macros for commonly used physical units	Mulligan	347
physymb	Assorted macros for Physicists	Zaslavsky	539
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	270
pi	Calculate pi	Roegel	405
piano	Typeset a basic 2-octave piano diagram	Daneault	185
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	444
picins	Insert pictures into paragraphs	Bleser	150
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	287
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	219
pictex-autoarea	Automatic computation of bounding boxes with PiCTeX	Lück	320
PicTeX	Picture drawing macros for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Wichura	523
pictex2	Adds relative coordinates and improves the \plot command	Park	376
PicTeXsum	A summary of PicTeX commands	Duggan	194
pictexwd	A patched version of PicTeX using fewer registers	Schrell	425
picture	Dimens for picture macros	Oberdiek	365
piechart	Simple pie-charts with PSTricks	Girou	223
piechartmp	Draw pie-charts using MetaPost	Morawski	344
piff-ams	Early macros for using AMS fonts	Piff	383
piff	Macro tools by Mike Piff	Piff, Carlisle	383
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	423
pigpen	A font for the pigpen (or masonic) cipher	Corff	180
pinlabel	A T <sub>E</sub> X labelling package	Rourke	410
pinouTikZ	Draw chip pinouts with TikZ	Blazek	150
pitex	Documentation macros	Isambert, Robbers	260
piton	Typeset Python listings with LPEG	Pantigny	376
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	171
pitthesis	Document class for University of Pittsburgh theses	Kim	278
pixelart	A package to draw pixel-art pictures	Paternault	378
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	518
pkfind	A ‘find’ command which understands pk files	Vojta	509
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	374
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	365
pkgcheck	CTAN package checker	Lotz	318
pkgloader	Manage the options and loading order of other packages	Helvensteijn	246
pkuthss	L <sup>A</sup> T <sub>E</sub> X template for dissertations in Peking University	Vector	502
pkware	Utility programs for use with PK bitmap fonts	Rokicki, T <sub>E</sub> XLive	406
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	262
pl	Literate Programming for Prolog with L <sup>A</sup> T <sub>E</sub> X	Neugebauer	353
placeat	Absolute content positioning	Trautmann	485
placeins-plain	Insertions that keep their place	Arseneau	132
placeins	Control float placement	Arseneau	132
plain-cm	Variable sized fonts in Plain T <sub>E</sub> X	Brotsky, Horn	159
plain-ltx	Make plain T <sub>E</sub> X files L <sup>A</sup> T <sub>E</sub> Xable	Carlisle	167
plain	The Plain T <sub>E</sub> X format	Knuth	287
plainmisc	Miscellaneous contributed macros for plain T <sub>E</sub> X	Unknown	495
plainpkg	A minimal method for making generic packages	Lück	320
plainyr	Plain bibliography style, sorted by year first	Perrone	381
plantslabels	Write labels for plants	Merciadri	337
plantuml	Support for rendering UML diagrams using the syntax and tool of PlantUML	Kopp	292
plari	Typesetting stageplay scripts	Kaijanaho	270

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
plates	Arrange for "plates" sections of documents	Tanbakuchi	466
platex-tools	pL <sup>A</sup> T <sub>E</sub> X standard tools bundle	Yamashita	533
platex	pL <sup>A</sup> T <sub>E</sub> X2e and miscellaneous macros for pT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team	326
platexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Japanese	Asakura	134
plautopatch	Automated patches for pL <sup>A</sup> T <sub>E</sub> X/upL <sup>A</sup> T <sub>E</sub> X	Yamashita	533
play-font	The Play font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfL <sup>A</sup> T <sub>E</sub> X	Ebinger	197
play	Typeset drama using L <sup>A</sup> T <sub>E</sub> X	Kilfiger	277
playfair	Playfair Display fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
plcalendar	Plain macros for making nice calendars	Unknown	495
plex-otf	Support for the OpenType font IBM Plex	Voß	512
plex	Support for IBM Plex fonts	Tennent	472
plfonts	Polish extension to Computer Modern fonts	Unknown	495
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	292
plimsoll	Fonts with the Plimsoll symbol and L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	268
plipsum	'Lorem ipsum' for Plain T <sub>E</sub> X developers	Spina	444
plnfs	Font selection for Plain T <sub>E</sub> X	Thành, Konecny, Kotucha	473
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	360
plstmary	St. Mary's Road font support for plain T <sub>E</sub> X	Luecking	322
pm-isomath	Poor man ISO math for pdfL <sup>A</sup> T <sub>E</sub> X users	Beccari	142
pmat	Typeset partitioned matrices	Oliveira e Silva	438
pmboxdraw	Poor man's box drawing characters	Oberdiek	365
pmcstex	L <sup>A</sup> T <sub>E</sub> X in emT <sub>E</sub> X IDE/FrontEnd for EPM	Mikulik	338
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	453
pmdbl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	388
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	147
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	278
pmtex	Preprocessor for MusicT <sub>E</sub> X	Simons	439
pmx	Preprocessor for MusiX <sub>T</sub> E <sub>X</sub>	Simons, Tennent	439
pmxchords	Produce chord information to go with pmx output	Fafejta	202
PNAS	BibT <sub>E</sub> X style for PNAS (old version)	Rogers	406
PNAS 2009	BibT <sub>E</sub> X style for PNAS (newer version)	Rogers	406
png2pdf	PNG to PDF converter	Krause	294
poemscot	Typesetting Critical Editions of Poetry	Burt	164
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	252
poetry	Facilities for typesetting poetry and poetical structure	Goodman	226
poetrytex	Typeset anthologies of poetry	Whited	523
pointruler	12" Ruler containing Points and Inches	Henderson	247
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
polexpr	A parser for polynomial expressions	Burnol	163
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	360
polski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	369
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	261
polyglossia	An alternative to babel for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X	Charette, Rosendahl	172
polynom	Macros for manipulating polynomials	Heinz, Adriaens	245
polynomial	Typeset (univariate) polynomials	Höst	257
polytable	Tabular-like environments with named columns	Löh	313
poorman	Raster Chinese and Japanese fonts	Ridgeway	398
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	163
popupmenu	Create popup menus in PDF files	Story	453
Portable MikT <sub>E</sub> X	Instructions for setting up MikT <sub>E</sub> X on a portable device	Grahn	229
portland	Simple portrait/landscape switching	Partl	377
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	254
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	396

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	280
poster-mac	Make posters and banners with $\TeX$	Van Zandt	538
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	198
postnotes	Endnotes for $\LaTeX$	Barros	138
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	512
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	310
powerdot	A presentation class	Adriaens, Ellison	126
ppctex	Typeset chemical formula diagrams	Hagen	237
pphilp	Generate VMS help files from $\LaTeX$ 2.09 source	Gray	231
ppower4	A postprocessor for PDF presentations	Guntermann	235
ppr-prv	Prosper preview	Goutelle	228
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	162
pracjourn	Typeset articles for $\PracTeX$	Robertson	400
practical-latex	Example files for “Practical $\LaTeX$ ”	Grätzer	230
practicalreports	Some macros for writing practical reports	Cawood	171
precattl	Prepare special catcodes from token list	user202729	499
prelim	Mark preliminary copies with a line of information	Tolksdorf	484
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	426
prepr	Preprint macros	Calvani	165
preprint	A bundle of packages provided “as is”	Daly	184
prerex	Interactive editor and macro support for prerequisite charts	Tennent	472
present	Presentations with Plain $\TeX$	Meister	336
presentations-en	Examples from the book Presentations with $\LaTeX$	Voß	512
presentations	Examples from the book Presentationen mit $\LaTeX$	Voß	512
pressrelease	A class for typesetting press releases	Talbot	464
prettyref	Make label references “self-identify”	Ruland	414
prettytok	Pretty-print token lists	user202729	499
preview-latex	Preview equations in Emacs	Kastrup	272
preview	Extract bits of a $\LaTeX$ source for output	Kastrup, The AUCTeX Team	272
prftree	Macros for building proof trees	Benini	146
principia	Notations for typesetting the “Principia Mathematica”	Elkind	199
printbib	Print the contents of a bibliography	Unknown	495
printlen	Print lengths using specified units	Robertson, Wilson, Harders	404
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	354
probsoln	Generate problem sheets and their solution sheets	Talbot	464
proc	Class for producing “proceedings”	$\LaTeX$ Team	479
processkv	Process key-value pairs	Sauer	416
procIAGssymp	Macros for IAG symposium papers	Benciolini	146
prodint	A font that provides the product integral symbol	Gill, Loredó-Osti	222
productbox	Typeset a three-dimensional product box	Neugebauer	353
ProfCollege	A $\LaTeX$ package for French maths teachers in college	Poulain	387
proflabo	Draw laboratory equipment	Mounier	345
ProfLycee	A $\LaTeX$ package for French maths teachers in high school	Pierquet	382
progkeys	Typeset programs, recognising keywords	Alabau	127
program	Typesetting programs and algorithms	Ward	519
progress	Creates an overview of a document’s state	Graversen	230
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	266
ProjLib	A series of tools to simplify your workflow	XU	532
proof-at-the-end	A package to move proofs to appendix	Colisson	179
proof	Shell based proofing for $\TeX$ -related files	Bosau	154
proofread	Commands for inserting annotations	Dekker	186
proofs	Macros for building proof trees	Taylor	467
prooftrees	Forest-based proof trees (symbolic logic)	Rees	395
properties	Load properties from a file	Niedermair	356



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	289
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goualard	228
protecteddef	Define protected commands	Oberdiek	365
protex	Literate programming package	The TeX4ht Team, Gurari	474
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	207
protocol	A class for minutes of meetings	Leineweber	307
protosem	Fonts for proto-Semitic cuneiform script	Wilson	526
prtec	A template for PRTEC conference papers	Lienhard	311
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	186
przechlewski-book	Examples from Przechlewski's L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	388
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	150
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	502
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	489
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	352
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	352
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	357
ps_conv	A converter from PostScript to Encapsulated PostScript	BOP	153
ps_view	A PostScript previewer of PostScript files	BOP	153
psbao	Draw Bao diagrams	Vessella	504
psbox	PostScript box macros, etc	Orloff	370
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	327
pseudo	Straightforward pseudocode	Hetland	250
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	294
psfig	A graphics inclusion package	Darrell	185
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	190
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	280
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	392
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	495
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	175
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	230
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	171
psfragx	A psfrag eXtension	Kockaert	288
psgo	Typeset go diagrams with PSTricks	Bos	154
psgreek	L <sup>A</sup> T <sub>E</sub> X support for Greek Type 1 fonts	Kryukov, Justen	296
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	368
pslatex	Use PostScript fonts by default	Carlisle	167
psmerge	Concatenate PostScript files	Duggan	194
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	422
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	422
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	495
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	391
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	255
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	422
pspic	Drawing pictures using PostScript specials	Thorup	482
pspicture	PostScript picture support	Carlisle	167
psrip	Extract images from PostScript files	Lackas	300
psplit	Select pages from PostScript files	Kleiweg	283
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	187
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	538
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	512
pst-abspos	Put objects at an absolute position	Voß	512
pst-am	Simulation of modulation and demodulation	Luque, Voß	323
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	515
pst-arrow	Special arrows for PSTricks	Voß	512

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-asr	Typeset autosegmental representations for linguists	Frampton	214
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	398
pst-barcode	Print barcodes using PostScript	Burton, Voß	164
pst-bezier	Draw Bezier curves	Nähring, Voß	351
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	221
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	433
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	513
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	323
pst-cie	CIE color space	Luque, Voß	323
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	515
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	515
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	323
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	323
pst-dart	Plotting dart boards	Voß	513
pst-dbicons	Support for drawing ER diagrams	May	332
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	323
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	222
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	515
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	271
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	404
pst-exa	Typeset PSTricks examples, with code	Voß	513
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	513
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	223
pst-fit	Macros for curve fitting	Ledger, Voß	305
pst-fp	Fixed-point arithmetic in PSTricks	Voß	513
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	223
pst-fractal	Draw fractal sets using PSTricks	Voß	513
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	323
pst-func	PSTricks package for plotting mathematical functions	Voß	513
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	223
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	323
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	442
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	223
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	515
pst-graphicx	A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X	Voß	513
pst-hsb	Curves with continuous colours	Voß	513
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	268
pst-intersect	Compute intersections of arbitrary curves	Bersch	148
pst-Jtree	Typeset complex trees for linguists	Frampton	214
pst-knot	PSTricks package for displaying knots	Voß	513
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	223
pst-layout	Page layout macros based on PSTricks packages	Sharpe	433
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	323
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	223
pst-lsystem	Create images based on a L-system	Voß	513
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	222
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	222
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	268
pst-mirror	Images on a spherical mirror	Luque, Voß	323
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	222
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	538
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	223
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	229

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-optexp	Drawing optical experimental setups	Bersch	148
pst-optic	Drawing optics diagrams	Luque, Voß	323
pst-osci	Oscgons with PSTricks	Luque, Jorssen	323
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	539
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	192
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	358
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	506
pst-perspective	Draw perspective views using PSTricks	Söll	442
pst-platon	Platonic solids in PSTricks	Luque, Voß	324
pst-plot	Plot data using PSTricks	Van Zandt, Voß	539
pst-poker	Drawing poker cards	Voß	513
pst-poly	Polygons with PSTricks	Girou, Voß	223
pst-pulley	Plot pulleys, using PSTricks	Söll	442
pst-qtree	Simple syntax for trees	Chiang, Gildea	175
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	442
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	324
pst-shell	Plotting sea shells	Voß, Luque	515
pst-sigsys	Support of signal processing-related disciplines	Delgosha	187
pst-sipe	Sophisticated colour gradients	Giese, Voß	221
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	324
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmit- tbuhl, Voß	508
pst-soroban	Draw a Soroban using PSTricks	Delmotte	187
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	423
pst-spinner	Drawing a fidget spinner	Voß, Luque	515
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	324
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	330
pst-support	Assorted support files for use with PSTricks	Voß	513
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	515
pst-thick	Drawing very thick lines and curves	Luque, Voß	324
pst-tools	PSTricks support functions	Voß	513
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	514
pst-turtle	Commands for “turtle operations”	Voß	513
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	539
pst-uml	UML diagrams with PSTricks	Diamantini	189
pst-vectorian	Printing ornaments	Fradin	213
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	442
pst-venn	A PSTricks package for drawing Venn sets	Voß	513
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	348
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	324
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	126
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	515
pstdoc	A tool for PSTricks documentation	Sharpe	434
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	258
pstoedit	Translate PostScript and PDF to other formats	Glunz	224
pstool	Support for psfrag within pdfLaTeX	Robertson, Prime	401
pstotext	Extract ASCII from PostScript and PDF	Birrell, McJones	149
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	450
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	515
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	514
pstricks-calnotes	Use of PSTricks in calculus lecture notes	Quan	389
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	514
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	514
pstricks-examples	PSTricks examples	Voß	513

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pstring	Typeset sequences with justification pointers	Blum	151
psu-thesis	Package for writing a thesis at Penn State University	Floros	211
psutils	PostScript utilities	Duggan	194
ptex-base	Plain $\TeX$ format for p $\TeX$ and e-p $\TeX$	Japanese $\TeX$ Team, Maeda	264
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese $\TeX$ Team	264
ptex-fonts	Fonts for use with p $\TeX$	Japanese $\TeX$ Team, Maeda	264
ptex-manual	Japanese p $\TeX$ manual	Japanese $\TeX$ Team	264
ptex-texmf	Macro and other extensions for use with P $\TeX$	Japanese $\TeX$ Team	264
ptex	A $\TeX$ system for publishing in Japanese	Japanese $\TeX$ Team	264
ptex2pdf	Convert Japanese $\TeX$ documents to PDF	Japanese $\TeX$ Team	264
ptext	A ‘lipsum’ for Persian	Damanafshan	184
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	398
ptmsc	Addon to the newtx package	Sharpe	434
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	537
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	485
ptsans	PT Sans font and L <sup>A</sup> $\TeX$ support	Farar	205
ptserif	PT Serif font and L <sup>A</sup> $\TeX$ support	Farar	205
Punk-L <sup>A</sup> $\TeX$	L <sup>A</sup> $\TeX$ support for punk fonts	Jørgensen	268
punk	Donald Knuth’s punk font	Knuth, Grover	288
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	256
purifyeps	Make EPS work with both L <sup>A</sup> $\TeX$ /dvips and pdfLa $\TeX$	Pakin	374
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	371
webmac	Consolidated WEB macros for DVI and PDF output	Scherer	420
PWT	An outline of publishing with $\TeX$	van der Laan	300
pxbase	Tools for use with (u)pLa $\TeX$	Yato	536
pxchfon	Japanese font setup for pL <sup>A</sup> $\TeX$ and upLa $\TeX$	Yato	536
pxcjkcat	L <sup>A</sup> $\TeX$ interface for the CJK category codes of up $\TeX$	Yato	536
pxfonts	Palatino-like fonts in support of mathematics	Ryu	414
pxgreek	Shape selection for PX fonts Greek letters	Burnol	163
pxjahyper	Hyperref support for pLa $\TeX$	Yato	536
pxjodel	Help change metrics of fonts from japanese-otf	Yato	536
pxpgfmark	e-p $\TeX$ driver for PGF inter-picture connections	Yato	536
pxpic	Draw pixel pictures	Spratte	446
pxrubrica	Ruby annotations according to JIS X 4051	Yato	536
pxtatescale	Patch to graphics driver for scaling in vertical direction of p $\TeX$	Yamashita	533
pxtxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	434
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	536
pybib	Command line utilities to check, sort, merge Bib $\TeX$ files	Corke	180
pybliographer	A tool for managing bibliographic databases	Gobry	224
pydocstrip	Scripted version of L <sup>A</sup> $\TeX$ docstrip	Huynh	259
pygmentex	Use Pygments to format code listings in documents	Malaquias	327
PyLua $\TeX$	Execute Python code on the fly in your L <sup>A</sup> $\TeX$ documents	Enderle	200
python	Embed Python code in L <sup>A</sup> $\TeX$	Ehmsen	198
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	502
pythontex	Run Python from within a document, typesetting the results	Poore	386
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	339
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	224
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	195
QCM	A L <sup>A</sup> $\TeX$ 2e class for making multiple choice questionnaires	Verna	503
qdtexvpl	Quick and dirty virtual font creation	Mattes	331
qed	Produce an “end-of-proof” mark	Taylor	467
qfig	DOS graphics program	Ofosu-Amaah	367

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	266
qm	Commands for bras and kets and the like	Christlieb	176
qms	VMS tools for controlling QMS printers	Unknown	496
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	439
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	380
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	247
qrcestamps	Create QR codes using stamps	Story	453
qsharp	Syntax highlighting for the Q# language	Granade	229
qstest	Bundle for unit tests and pattern matching	Kastrup	272
qsymbols	Maths symbol abbreviations	Rose	408
qtree	Draw tree structures	Dimitriadis, Siskind	189
qualitytype	The QualiType font collection	Miller	339
quantikz	Draw quantum circuit diagrams	Kay	273
quantumarticle	Document class for submissions to the Quantum journal	Quantum — the open journal for quantum science, Meyer, Gogolin	389
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	338
quiz2socrative	Prepare questions for socrative quizzes	Lella	308
quotation	Typeset an attributed quotation	Unknown	496
quotchap	Decorative chapter headings	Klever, Tinnefeld	283
quote	Match pairs of double-quote characters	Goatley	224
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	154
quoting	Consolidated environment for displayed text	Titz	483
quotmark	Consistent quote marks	Talbot	464
quran-bn	Bengali translations to the quran package	Razavian	394
quran-de	German translations to the quran package	Razavian	394
quran-ur	Urdu translations to the quran package	Razavian	394
quran	An easy way to typeset any part of The Holy Quran	Razavian	394
qyxf-book	Book Template for Qian Yuan Xue Fu	You	537
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	359
r2bib	Convert refer and EndNote files to BibTeX	Mathar	330
ragged	Generic ragged left and ragged right options	Siebenmann	437
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	426
raggedr	Set an entire document raggedright	Kilfiger	277
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	408
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	310
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	253
ran_toks	Randomise token strings	Story	453
randbild	Marginal pictures	Ebermann	196
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	132
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	172
randomwalk	Random walks using TikZ	Le Floch	211
randtext	Randomise the order of characters in strings	Duan	194
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	188
rangen	Generate random integers, rational and decimal numbers	Story	453
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	334
ransom	A “very bad typewriter” font	Knuth	287
ratex	A package for German lawyers	Vosberg	510
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	255
rawfonts	Low level font compatibility mode for L <sup>A</sup> T <sub>E</sub> X	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	265
rawprint	Print raw Russian text	Veytsman	506



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rbt-mathnotes	Rebecca Turner's personal macros and styles for typesetting mathematics notes	Turner	488
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	236
rcs-multi	Typeset RCS version control in multiple-file documents	Scharrer	418
rcs-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	408
rcs	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	426
rcsinfo	Support for the revision control system	Vollmer	509
ReadableCV	A highly readable and good looking CV and letter class	Stone	450
readarray	Read, store and recall array-formatted data	Segletes	430
readprov	Provides GetFileInfo without the need to load the file	Lück	321
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	418
realcalc	Macros for real arithmetic calculations	Buchholz	160
realhats	Put real hats on symbols instead of <sup>^</sup>	Scroggs, Townsend	429
realscripts	Access OpenType subscript and superscript glyphs	Robertson	401
realtranspose	The "real" way to transpose a Matrix	Quentin	389
rec-thy	Commands to typeset recursion theory papers	Gerdes	220
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	318
recipebook	Typeset 5.5" x 8" recipes for browsing or printing	Granger	229
recipecard	Typeset recipes in note-card-sized boxes	Reish	396
rectopma	Recycle top matter	Benciolini	146
recycle	A font providing the "recyclable" logo	Green, Pakin	231
redefine	Conditional macro, etc., definitions	Unknown	496
redis	A Hebrew font	Goldberg	225
REdit	Menu-based editor	Rogalla	405
refcheck	Check references (in figures, table, equations, etc)	Motygin	345
refcount	Counter operations with label references	Oberdiek	365
refenums	Define named items and provide back-references with that name	Kopp	293
refer-tools	Convert between refer format and BibT <sub>E</sub> X format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzke	328
refer	Convert a BibT <sub>E</sub> X bibliography to refer format	McHale	334
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibT <sub>E</sub> X	Kiefel	276
reflectgraphics	Techniques for reflecting graphics	Reiche	395
refman	Format technical reference manuals	Kielhorn, Partl	277
refreshpdf	Refresh PDF files "remotely"	Gerhardt	220
refstyle	Advanced formatting of cross references	Els	199
regcount	Display the allocation status of the T <sub>E</sub> X registers	Drucbert	193
regexpatch	High level patching of commands	Gregorio	232
register	Typeset programmable elements in digital hardware (registers)	Lovell	318
regstats	Information about register use	Münch	347
reledmac	Typeset scholarly editions	Rouquette	410
reledpar	Typeset scholarly editions in parallel texts	Rouquette	410
relenc	A "relaxed" font encoding	Hellström	246
relsize	Set the font size relative to the current font size	Swift, Arseneau	457
removefr	Remove from counter-reset lists	Arseneau	132
remreset	Remove counters from reset list	Carlisle	167
renditions	Multiple versions from the same content	Story	453
reotex	Draw Reo Channels and Circuits	Oliveira	368
repeat	Repeat execution of macros	Eijkhout	198
repeatindex	Repeat items in an index after a page or column break	Harders	241
repere	Diagrams for school mathematics	Péault	378
repltext	Control how text gets copied from a PDF file	Pakin	374
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	479

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
required	Packages "required" of a L <sup>A</sup> T <sub>E</sub> X distribution	L <sup>A</sup> T <sub>E</sub> X Team, Rahtz, Schmidt, Volovich	480
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	365
res	A resumé class	Krishnamurthy, DeCorte	295
rescansync	Re-scan tokens with synctex information	user202729	499
resizegather	Automatically resize overly large equations	Oberdiek	365
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	506
rest-api	Describing a rest api	Klein	283
resumecls	Typeset a resume both in English and Chinese	Hu	257
resumemac	Plain T <sub>E</sub> X macros for resums	Hosek	256
returntogrid	Semi-automatic grid typesetting	Fischer	210
reverxi	Playing Reversi in T <sub>E</sub> X	Le Floch	211
revnum	Reverse enumerate	Wilms	524
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	229
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	368
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	368
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	368
rft2bib	Generate BibT <sub>E</sub> X entries for IETF RFCs	Mortier	345
rfl	Ruby font installer library	Gundlach	235
RGB	Tables of RGB colour parameters	Loreti	318
rgltxdoc	Common code for documentation of the author's packages	Grewe	233
ribbonproofs	Drawing ribbon proofs	Wickerson	523
richtext	Create rich text strings	Story	453
rjparshap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	306
rlepf	Rewrite labels in EPS graphics	Rourke	410
rmannot	Create rich media annotations in a PDF file	Story	453
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	414
rmligs	Remove incorrect ligatures in German documents	Jacke	261
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	334
rmthm	Use a roman font for theorem statements	Verwer	503
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	500
Robot Man	A fun demo of AcroT <sub>E</sub> X eDucation Bundle facilities	Story	454
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	442
roboto	Support for the Roboto family of fonts	Tennent	472
robustcommand	Declare robust command, with \newcommand checks	Ebermann	196
robustindex	Create index with pagerefs	van der Kallen	270
rojud	A font with the images of the counties of Romania	Bazon	141
romanbar	Write roman number with "bars"	Münch	347
romanbarpagenumber	Typesetting roman page numbers	Schneider	424
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	395
romariantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	398
romanneg	Roman page numbers negative	Wolczko	528
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	403
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbat	201
rotate-textures	Box rotation macros for Textures	Karney	271
rotate	Rotate T <sub>E</sub> X boxes	Unknown	496
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team	204
rotchiffre	Perform simple rotation cyphers	Oberdiek	365
rotfloat	Rotate floats	Sommerfeldt	443
rotpages	Typeset sets of pages upside-down and backwards	Callegari	165

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rotunda	Rotunda manuscript book-hand font	Wilson	526
roundbox	Round boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	275
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	226
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	185
rplain	Redefines the plain pagestyle	Sommerfeldt	443
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	371
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	218
rsc	BibTeX style for use with RSC journals	Wright	530
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	441
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	434
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	396
rterface	Access to R analysis from within a document	Bogue	152
rtf2latex2e	Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e	Sathyam, Prah	415
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	323
rtkinenc	Input encoding with fallback procedures	Hellström	246
rtklage	Make suit details for German courts	Vosberg	510
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	312
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	354
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	354
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	354
rubiktwocube	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	354
ruhyphen	Russian hyphenation	Volovich	510
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	290
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	351
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	198
rulerbox	Draw rulers around a box	Yang	534
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	446
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	137
rune	Two rune fonts	Grant, Lüddecke	230
runic	Fonts for Anglo-Saxon futhorc script	Wilson	526
runtex	Windows program to run T <sub>E</sub> X variant and various utils as needed	Becker	143
russ	L <sup>A</sup> T <sub>E</sub> X in Russian, without babel	Shashkov	435
russian-help	L <sup>A</sup> T <sub>E</sub> X help in Russian	Lubenets	318
rustic	Roman Rustic manuscript book-hand font	Wilson	527
rutitlepage	Radboud University Titlepage Package	Lubbers	318
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	506
rvwrite	Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X	Radhakrishnan	390
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	436
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	303
<b>SSSS</b>			
s2latex	A scribe to L <sup>A</sup> T <sub>E</sub> X converter	Jacobson, James	263
sa-tikz	TikZ library to draw switching architectures	Fiandrino	207
sae	Typeset an SAE technical paper	Franke	214
saferef	Safer references through strong typing of references	Ashton	134
sageep	Format papers for the annual meeting of EEGS	Veytsman	506
SageTeX	Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X	Pasechnik, Drake	377
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	460
samples	Samples of Plain T <sub>E</sub> X coding	Unknown	496
sanhyph	Sanskrit hyphenation patterns	Codet	178
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	455
sankey	Draw Sankey diagrams with TikZ	Gaborit	217
sans	Exchange Roman and Sans faces in a document	Knappen	285

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sanskrit-t1	Type 1 version of ‘skt’ fonts for Sanskrit	Korop	293
sanskrit	Sanskrit support	Haisman, Wikner	237
sansmath	Maths in a sans font	Arseneau	132
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	139
sansmathfonts	Extended Computer Modern sans serif fonts	Barton	139
sapthesis	Typeset theses for Sapienza-University, Rome	Biccari	149
sarabian	Archaic South Arabian script font	Wilson, Stanier	528
SASnRdisplay	Typeset SAS or R code or output	Madsen	326
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	416
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	416
sauterfonts	Use Sauter’s fonts in L <sup>A</sup> T <sub>E</sub> X	Barthelmann	138
saveenv	Save environment content verbatim	user202729	499
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	297
savesym	Redefine symbols where names conflict	Göbel	224
savetrees	Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document	Pakin	374
sbtex	A compact T <sub>E</sub> X distribution for MS-DOS	Sullivan	456
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	496
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	496
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	415
scalebar	Create scalebars for maps, diagrams or photos	Lake	301
scaleftnt	Rescale fonts to arbitrary sizes	Carlisle	167
scalrel	Constrained scaling and stretching of objects	Segletes	430
scanpages	Support importing and embellishing scanned documents	Sharpe	434
schedule	Weekly schedules	Alexander, Deneault	128
schedule209	Typeset schedules	Pfennig	381
schemabloc	Draw block diagrams, using TikZ	Papanicola	376
schemata	Print topical diagrams	Schaum	419
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	393
schemeweb	Simple support for literate programming in Lisp	Ramsdell	393
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	514
ScholaX	Extension of T <sub>E</sub> XGyreSchola (New Century Schoolbook) with math support	Sharpe	434
schooldocs	Various layout styles for school documents	Missier	340
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	382
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	521
schulschriften	German “school scripts” from Suetterlin to the present day	Entenmann	201
schwalbe-chess	Typeset the German chess magazine “Die Schwalbe”	Hoening	252
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	321
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	293
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	328
scientificpaper	Format a scientific paper for journal publication	Aycock	135
scientificviewer	MacKichan software viewer	Pearson	378
sciposter	Make posters of ISO A3 size and larger	Wilkinson	524
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	488
sclang-prettifier	Prettyprinting SuperCollider source code	Cretel	182
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	381
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	322
scorecard	Format a Baseball scorecard	Wall	517
scraddr	Provide data from scrlltr2’s address files	Kohm	290
scrambledenvs	Create and print scrambled environments	Chen	173
scrartcl	Koma-Script ‘article’ class	Kohm	290
scratch	Draw programs like “scratch”	Tellechea	468
scratch3	Draw programs like “scratch”	Tellechea	468
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	392

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
scrbase	Provide basic features for KOMA-Script	Kohm	290
scrbook	Koma-Script ‘book’ class	Kohm	290
scrdate	Calendar date operations	Kohm	290
screen	Prepare a document for a simple previewer	Unknown	496
screenplay-pkg	Package version of the screenplay document class	Munn	348
screenplay	A class file to typeset screenplays	Pate	377
scrxextend	Use of components of KOMA-Script by other packages	Kohm	290
scrindex	Make index package work with Koma-script classes	Oberdiek	365
script-font	Handwriting font	Vanroose	500
script	Variant report and book styles	Neukam, Lichti	354
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	202
ScriptTeX	Macros for scripts and screenplays	McCarthy	333
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	388
scrjrn1	Typeset diaries or journals	Pinson	384
scrjura	Koma-Script support for lawyers, etc	Kohm	291
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script’s scrlayer	Kohm	291
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	291
scrlayer-scrpage	Define and manage page styles	Kohm	291
scrlayer	Manage text ‘layers’ within Koma-Script	Kohm	291
scrletter	Letter extension to KOMA-Script classes	Kohm	291
scr1file	Installation control for koma-script packages	Kohm	291
scr1ttr2	Koma-Script ‘letter’ class	Kohm	291
scr1ttr2copy	A letter class option file for the automatic creation of copies	Niepraschk	357
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	291
scrreprt	Koma-Script ‘report’ class	Kohm	291
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	291
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	291
scsnowman	Snowman variants using TikZ	Yamashita	533
scyrillic	A family of cyrillic fonts	Samarin, Glonti	415
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	147
sdr1	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	260
sduthesis	Thesis Template of Shandong University	Huang	257
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	322
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	203
seceqn	Number theorems by section	Leichter	307
secnum	A macro to format section numbering intuitively	Gau	219
secret	Put security classification marks in a document	Duchier	194
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	387
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	524
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	254
sectsty	Control sectional headers	McDonnell	334
seealso	Improve the performance of \see macros with makeindex	Liu	312
sehyph	Hyphenation patterns for Swedish	Rynning	414
selectp	Select pages to be output	Arseneau	132
selectpage	Select pages to be output from a document	Knuth	287
selinput	Semi-automatic detection of input encoding	Oberdiek	366
selnolig	Selectively disable typographic ligatures	Loretan	317
SemanTeX	Semantic, keyval-based mathematics	Ørsted	371
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	170
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	352
semaphor	Semaphore alphabet font	Zýka	543
semesterplanner	Create beautiful semester timetables and more	Schneider	424



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	538
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	248
semproc	Seminar proceedings	Columbus	179
SemTeX	Deals with stripped SemanTeX documents	Ørsted	371
semtrans	Transliteration of semitic languages	Knappen	285
sentences	Numbered lists for sentences	Unknown	496
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	311
sepnun	Print numbers in a "friendly" format	Raichle	392
seqsplit	Split long sequences of characters in a neutral way	Veytsman	506
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	208
serbian-book	Support for use of memoir in Serbian	Filipović	208
serbian-date-lat	Updated date typesetting for Serbian	Filipović	208
serbian-def-cyr	Serbian cyrillic localization	Filipović	208
serbian-lig	Control ligatures in Serbian	Filipović	208
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	208
serial	Generate serial letters	Pedersen	379
sesamanuel	Class and package for sesamath books or paper	Charpentier	172
sesstime	Session and timing information in lecture notes	Beisert	145
setdeck	Typeset cards for Set	Whieldon	522
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	366
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	243
setstrut	Automatic strut computation	von Bechtolsheim	143
settobox	Assigning dimensions of a box to a length register	Oberdiek	366
settosize-ltx	Scale text to make it fit a given width	Rahtz	391
settosize	Scale text to given width	Taylor	468
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	266
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	537
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	205
sexam	Package for typesetting arabic exam scripts	Laouidji	303
sf298	Standard form 298	Cochran, Rochford	178
sfarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch	Partl, Simon	377
sffms	Typesetting science fiction/fantasy manuscripts	DeMarco	187
sfg	Draw signal flow graphs	Schmid	420
sfheaders	Sans headers	Loreti	318
sfmath	Sans-serif mathematics	Dietrich	189
sfwmac	A set of definitions for Unix system documentation	Unknown	496
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	371
sgmlcmt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	285
shadbox	Shade the background of any box	Glazkov	223
shade	Shade pieces of text	Schmitt	423
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	158
Shaded theorems	Theorem environments that are shaded	Hefferon	244
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	346
shadow	Shadow boxes	Orlandini	370
shadowtext	Produce text with a shadow behind it	Zwols	543
shalom	A simple Hebrew typesetting bundle	Böttcher	155
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	132
shapepatch	Transfig patch supporting shapepar	Gollwitzer	225
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	226
shavian	A Shavian spelling alphabet font	Stanier	447
shdoc	Float environment to document the shell commands of a terminal session	Laube	304
shellesc	Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	479

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
shhyphl	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	346
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	436
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	251
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	292
short-math-guide	Guide to using amsmath and related packages to typeset mathematical notation with L <sup>A</sup> T <sub>E</sub> X	The AMS	475
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	336
shortlst	Compact lists by running several items per line	Hansen	239
shortmathj	Automatically shortify titles of mathematical journals	Avdeev	135
shorttoc	Table of contents with different depths	Drucbert	193
shortvrb	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	479
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X2e	Pégourié-Gonnard	379
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	276
showdim	Variants on printing dimensions	Downes	192
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	357
showframe	Draw a page-layout diagram	Niepraschk	357
showhyphenation	Marking of hyphenation points	Kelkel	273
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	235
showkerning	Showing kerns in a document	Kelkel	273
showkeys	Show label, ref, cite and bib keys	Carlisle	167
showlabels	Show label commands in the margin	Gray	231
showtags	Print the tags of bibliography entries	Beebe	144
shsulet	A letter document style for use at SHSU	Greenwade	232
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	310
shuffle	A symbol for the shuffle product	Lejay, Gilbey	308
si	A comprehensive (SI) units package	Wright	530
siam	Styles for SIAM publications	Gray, Cipolone	230
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	286
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	358
sidenotes	Typeset notes containing rich content, in the margin	Thomas	481
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	516
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	346
siggraph	SIGGRAPH conference class	Kartch	272
signchart	Create beautifully typeset sign charts	Mottaz	345
Sikumuna	Lyx template for Hebrew article format	Rutenberg	414
silence	Selective filtering of error messages and warnings	Pock, Isambert	385
sillypage	John Cleese’s Silly Walk as page numbering style	Cereda	171
simple-resume-cv	Template for a simple resume or curriculum vitae (CV), in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Scrivena	429
simple-thesis-d...	Template for a simple thesis or dissertation (Ph.D. or master’s degree) or technical report, in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Scrivena	429
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	305
simplecd	Simple CD, DVD covers for printing	Majoros	327
simplecv	A simple class for writing curricula vitae	Lasgouttes	303
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	154
simpleinvoice	Easy typesetting of invoices	Lohne	313
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	468
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	502
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	171
simpler-wick	Simpler Wick contractions	Ellis	199
simples-matrices	Define matrices by given list of values	Henel	248
simplewick	Simple Wick contractions	Kolorenc	292
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	231
simplivre	Write your books in a simple and clear way	XU	532

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
simpsons	Metafont source for Simpsons characters	Chen	173
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	276
sines	Calculate sin function values	Walker	517
sinhala	Support for the Sinhala language	Saparamadu	415
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	439
SIstyle	Package to typeset SI units, numbers and angles	Els, Wright	200
sitem	Save the optional argument of \item	Majkrzak	327
siunits	International System of Units	Wright, Heldoorn	531
siunitx	A comprehensive (SI) units package	Wright	530
skak	Fonts and macros for typesetting chess games	Hoffmann	252
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	190
skb	Tools for a repository of long-living documents	van der Meer	336
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	438
skeldoc	Placeholders for unfinished documents	Hetland	250
sketch	A 3d sketch language translator	Ressler	397
skeycommand	Create commands using parameters and keyval in parallel	Musa	350
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	350
skills	Create proficiency tests	Giraud	222
skmath	Extensions to the maths command repertoire	Sigurdhsson	438
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	438
skull	A font to draw a skull	Grove	234
slantsc	Access different-shaped small-caps fonts	Harders	242
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	534
slashed	Put a slash through characters	Carlisle	168
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	439
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	332
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	217
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	457
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	516
slidenotes	Typeset slides accompanied by notes	van der Meer	336
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	342
slideshow	Generate slideshow with MetaPost	McPhee	335
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	436
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	467
smaller	Choose an “adjacent” size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	181
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	330
smalltalk	Typeset Smalltalk program fragments	Wolczko	528
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	532
smartdiagram	Generate diagrams from lists	Fiandrino	207
smartmn	Make hyphens print as minus signs where appropriate	Knappen	285
smartref	Extend L <sup>A</sup> T <sub>E</sub> X’s \ref capability	Bilotta	149
smartunits	Converting between common metric and Imperial units	Mathas	330
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	172
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	427
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	475
snaptodo	A todo that snaps to the closer side	Wang	518
snote	Shaped notes for MusicTeX	Colburn	178
snotez	Typeset notes, in the margin	Niederberger	356
sober	Makes appearance of standard styles more “sober”	Poppelier	386
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	154
softfonts	Manage the “soft fonts” in a LaserWriter printer	Small Planet Software	440
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	281

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	281
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	281
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	281
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	281
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	281
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	281
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	281
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	281
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	281
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	281
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	281
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	281
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	281
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	282
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	282
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	282
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	282
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	282
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	282
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	282
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	282
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	282
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	282
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	282
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	282
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	282
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	282
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	282
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	282
softmaker-freefont	Support files for SoftMaker free fonts	Kleber	282
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	265
songbook	Package for typesetting song lyrics and chord books	Rath	393
songproj	Generate Beamer slideshows with song lyrics	Ortolo	371
songs	Produce song books for church or fellowship	Hamlen	238
sorhyph	Upper Sorbian hyphenation patterns	Werner	522
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	371
soton	University of Southampton-compliant slides	Blanco	150
soul	Hyphenation for letterspacing, underlining, and more	Franz	214
soulpos	A fancy means of underlining	Bezos López	314
soulutf8	Permit use of UTF-8 characters in soul	Oberdiek	366
soup	Generate alphabet soup puzzles	Simers	438
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	479
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	253
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	253
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	253
SouthArabian	A font for an archaic South Arabia script	Stanier	447
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	180
spacekern	Kerning between words and against space	Kelkel	273
spacingtricks	Dealing with some spacing issues	Missier	340
spain	Bibliography style for Spanish documents	Fernandez	206
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	389
spanish-mx	Typeset Spanish as in Mexico	Rivera	399
spark-otf	Support OpenType Spark fonts	Voß	514
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil-tenburg	312

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
spath3	Manipulate “soft paths” in PGF	Stacey	447
spbookmark	Customize superscripts and subscripts	Yi	537
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	173
spelling	Support for spell-checking of LuaTeX documents	Hennig	249
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	387
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	218
sphyphb	Experimental Spanish hyphenation patterns	Medina	335
spiderweb	A tool for building WEB systems	Ramsey	393
spie	Support for formatting SPIE Proceedings manuscripts	Hanson	239
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	378
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	322
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	435
split	Box two chunks of text side-by side	Skinner	440
splitbib	Split and reorder your bibliography	Markey	329
splitindex	Unlimited number of indexes	Kohm	291
spot	Spotlight highlighting for Beamer	Hendrickson	247
spotcolor	Spot colours for pdfLaTeX	Elstner	200
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	468
springer	Macros for Springer journals	Springer Verlag	446
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	181
sverbatim	Allow line breaks within \verb and verbatim output	Pakin	374
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	198
srcaps	Square Capitals manuscript book-hand font	Wilson	527
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	208
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	208
sr-vorl	Class for Springer books	Dabelow	183
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	448
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	489
srcredact	A tool for redacting sources	Veytsman	506
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	520
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	265
srune	Saxon rune font	Lüddecke	321
sseq	Typesetting spectral sequence charts	Bauer	140
sshdbk10	Sans headers in book style	Unknown	496
sslides	Slides with headers and footers	Salimi	415
ssquote	Use the cmssq fonts	Vieth, Goossens	507
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	358
stabular	Multipage tabular	Tolušis	484
stack	Tools to define and use stacks	Bayart	140
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	430
stackrel	Enhancement to the \stackrel command	Oberdiek	366
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	482
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	366
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	418
stanli	TikZ Library for Structural Analysis	Hackl	237
starfont	The StarFont Sans astrological font	Skala	440
startex	An XML-inspired format for student use	Langmyhr	302
statex	Statistics style	Sparapani	444
statex2	Statistics style	Sparapani	444
statistics	Compute and typeset statistics tables and graphics	Rivaud	399
statistik	Store statistics of a document	Niedermair	356
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	129
statrep	Displays SAS code and results of running the code	Arnold	131



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
staves	Typeset Icelandic staves and runic letters	Syropoulos	459
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	403
stdpage	Standard pages with n lines of at most m characters each	Verweyen	504
stealcaps	“Steal” small capitals	Giannotti	221
steinmetz	Print Steinmetz notation	Gregorio	233
stellenbosch	Stellenbosch thesis bundle	Els	200
step	A free Times-like font	Miller	340
stepgreek	A free Times/Elsevier-style Greek font	Miller	340
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	289
stfloats	Commands to control the presentation of floats	Tolušis	484
SticksToo	A reworking of STIX2	Sharpe	434
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	481
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	481
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	481
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	265
stoneipa	Support for the Stone Sans Phonetic font	Velleman	502
storebox	Storing information for reuse	Scharrer	418
storecmd	Store the name of a defined command in a container	Musa	351
strands	Draw objects constructed from strands	Arcis	130
streetex	Structural organic chemistry	Strokov	454
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	371
stringenc	Converting a string between different encodings	Oberdiek	366
stringstrings	String manipulation for cosmetic and programming application	Segletes	430
structmech	A TikZ command set for structural mechanics drawings	Chang	172
struktex	Draw Nassi-Shneiderman charts	Hoffmann	252
sttools	Various macros	Tolušis, Statulevičius	484
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	455
Student Handouts	Management and styling of student handout projects	Fennell	206
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	407
sty2dtx	Create a .dtx file from a .sty file	Scharrer	418
style-showcase	Make a web page to compare styles	Hefferon	244
styledcmd	Handling multiple versions of user-defined macros	De Donato	191
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	405
subcaption	Support for sub-captions	Sommerfeldt	443
subdepth	Unify maths subscript height	Robertson	401
subdocs	Multifile documents	Bezos López	314
subeqn	Package for subequation numbering	Arseneau, Braams	133
subeqnarray	Equation array with sub numbering	Braams	156
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	178
subfigmat	Automates layout when using the subfigure package	Kleb	280
subfigure	Deprecated: Figures divided into subfigures	Cochran	178
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	415
subfloat	Sub-numbering for figures and tables	Harders	242
sublabel	Sub-number counters	Daly	184
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	203
substances	A database of chemicals	Niederberger	356
substitutefont	Easy font substitution	Milde	339
substr	Deal with substrings in strings	Harders	242
subsupscripts	A range of sub- and superscript commands	Bresciani	158
subtext	Easy text-style subscripts in math mode	Jørgensen	268

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sudoku	Create sudoku grids	Abraham	125
sudokubundle	A set of sudoku-related packages	Wilson	527
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	321
suffix	Define commands with suffixes	Kastrup	272
suftesi	A document class for typesetting theses, books and articles	Valbusa	500
sugconf	SAS(R) user group conference proceedings document class	Fehd	206
superiors	Attach superior figures to a font family	Sharpe	434
supertabular	A multi-page tables package	Braams	156
suppose	Abbreviate the word “Suppose”	Lounsbury	318
susy	Macros for SuperSymmetry-related work	Turlay	488
suthesis	Typeset a Stanford University thesis	Pallas	374
sverb	A set of verbatim text manipulations	Wooding	529
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	200
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	239
svgcolor	Define SVG named colours	Caprio	166
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	418
svn-prov	Subversion variants of \Provides... macros	Scharrer	419
svn	Typeset Subversion keywords	Lewis	310
svninfo	Typeset Subversion keywords	Brucker	160
svrsymbols	A font with symbols for use in physics texts	Syropoulos	459
swebib	Swedish bibliography styles	Engbretsen	200
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	200
swfigure	Insert large images that do not fit into a single page	Beccari	142
swiftex	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	457
Swimgraf	Graphical/textual representations of swimming performances	Osborne	371
switcheml	Obfuscate email addresses (now obsolete)	Duan	194
swrule	Lines thicker in the middle than at the ends	Dussa	195
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	229
syllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	502
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	212
symbolindex	Generate a list of symbols with different subgroups	Holzmann	255
sympytex	Include symbolic computation (using sympy) in documents	Molteno	343
Synapsen	Reference management tool for BibTeX	Krajewski	294
synctex-parser	SyncTeX output file parser	Laurens	304
syngen	A tool for generating syntax diagrams from BNF	Klöcker	283
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	260
syntax-mdw	Typeset syntax descriptions	Wooding	529
syntax2	Creation of syntax diagrams	Worsch	529
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	382
syntonly	Run a document through L <sup>A</sup> T <sub>E</sub> X for syntax checking	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	342
syntrace	Labels for tracing in a syntax tree	Mathieu	331
synttree	Typeset syntactic trees	van Zuijlen	543
syriac	A font for Syriac written in Estrangelo	Stanier	447
systcontrolletters	Support for Systems and Control Letters	Balemi, Truöl	136
systeme	Format systems of equations	Tellechea	468
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	325
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	299
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	479
t1infos	Utilities for PostScript fonts	Baruchel	139
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	269
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	528
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	249
t2	Support for using T2 encoding	Volovich, Lemberg	510

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	338
tabbing	Tabbing with accented letters	Drucbert	193
tabbingbox	Save a tabbing environment in a box	Unknown	496
tabfigures	Maintain vertical alignment of figures	Ummels	490
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	301
tableauVariations	Variation tables in MetaPost	Mazoit	333
tableaux	Construct tables of signs and variations	Kisselhoff	280
tablefootnote	Permit footnotes in tables	Münch	347
tableof	Tagging tables of contents	Burnol	163
tables	Tables without the need for a preamble	Cowan, Taylor	181
tablestyles	Styles for tables with new commands	Pospiech	386
tablists	Tabulated lists of short items	Lapko	303
tablor	Create tables of signs and of variations	Connan	180
tabls	Better vertical spacing in tables and arrays	Arseneau	133
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	340
tabriz-thesis	A template for the University of Tabriz	Damanafshan	184
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	396
tabstackengine	“Tabbing” front-end to stackengine	Segletes	430
tabto-generic	”Tab” to a measured position in the line	Arseneau	133
tabto-ltx	“Tab” to a measured position in the line	Arseneau	133
tabu	Flexible L <sup>A</sup> T <sub>E</sub> X tabulars	Chervet	175
tabularborder	Remove excess space at left and right of tabular	Fink	209
tabularcalc	Calculate formulas in a tabular environment	Tellechea	468
tabularew	A variation on the tabular environment	Saba	414
tabularht	Tabular environments with height specified	Oberdiek	366
tabularkv	Tabular environments with key-value interface	Oberdiek	366
tabularray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	324
tabulars-e	Examples from the book ”Typesetting tables with L <sup>A</sup> T <sub>E</sub> X”	Voß	514
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
tabulary	Tabular with variable width columns balanced	Carlisle	168
tabvar	Typesetting tables showing variations of functions	Flipo	211
tabverb	Verbatim text respecting TAB characters	Fine	208
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	313
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	359
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	210
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	523
talos	A Greek cult font from the eighties	Tsolomitis	487
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	321
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	329
tamil-omega	Tamil support for Omega/Aleph	Alex	127
tangle	Generate compilable source from web	Knuth	287
tango-weevil	A simple Web system	Minyard	340
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	262
tape	Generate cassette labels from a simple database	Podar	385
tapir	A simple geometrical font	Mitek	341
tasks	Horizontally columned lists	Niederberger	356
taylor	Macros for category-theoretic diagrams	Taylor	467
tbe	Extracts from ”TeX by Example”	Borde	153
tccompat	Provide compatibility names for textcomp.sty	Knappen	285
tcldoc	Doc/docstrip for tcl	Hellström	246
tcitexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	454
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	332
tcolorbox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	455

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tcvn	Vietnamese Windows support	Quy	389
tdclock	A ticking digital clock package for PDF output	Randez	393
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	488
tdsfrmath	Macros for French teachers of mathematics	Henel	248
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	259
Technica	Typesetting for the humanities	Boggio-Togna	152
technics	A package to format technical documents	Nilsson	358
technion-thesis...	Template for theses on the Technion graduate school	Shuval	436
techreport	Generate Technical Reports using USC thesis style	Cochran	178
ted	A (primitive) token list editor	Pégourié-Gonnard	379
TeEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	128
telprint	Format German phone numbers	Oberdiek	366
telugu	(La)T <sub>E</sub> X Support for writing the Telugu Language	Mukkavilli	346
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	206
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	443
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	386
tempora	Greek and Cyrillic to accompany Times	Sharpe	434
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	188
tengwar	Font to set Tolkien's Tengwar script	Urban	499
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	218
tensind	Typeset tensors	Bezos López	314
tensor	Typeset tensors	Piff, Ratcliffe	383
termcal-de	German localization for termcal	Friedl	215
termcal	Print a class calendar	Mitchell	341
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	514
termlist	Label any kind of term with a continuous counter	Rellermeyer	397
termmenu	The package provides support for terminal-based menus using expl3	Allred	128
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	220
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	137
testeq	An equality test for use in MetaPost	Vieth	507
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	435
testfont	A testbed for font evaluation	Knuth	287
testhyphens	Testing hyphenation patterns	Beccari	142
testidx	Dummy text for testing index styles and indexing applications	Talbot	465
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	475
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	202
tetragonos	Four-Corner codes of Chinese characters	Yang	534
teubner	Philological typesetting of classical Greek	Beccari	142
tex--xet	Bidirectional extension of T <sub>E</sub> X	Breitenlohner, Knuth, MacKay	158
TeX Converter	Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters	Mayer	333
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	245
tex-extensions	Proposals for extensions to T <sub>E</sub> X	Clasen	177
tex-font-errors...	Cheat sheet outlining the most common T <sub>E</sub> X font errors	Schlömer	420
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	245
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	245
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	261
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	261
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	261
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	261
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	261
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pionowski	263

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre Dejavu	Jackowski, Pianowski, Strzelczyk	262
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	262
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	262
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	262
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	262
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	262
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	262
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	262
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	261
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	144
tex-ini-files	Model T <sub>E</sub> X format creation files	Wright	530
tex-it	Controller for T <sub>E</sub> X processing	Walsh	518
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	414
tex-label	Place a classification on each page of a document	Komarath	292
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	465
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	256
tex-math	Maths mode documentation for OS/2 users	Hahn	237
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olšák	369
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	485
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	153
tex-references	References for T <sub>E</sub> X and Friends	Wiedmann	523
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przechlewski	519
tex-vpat	TeX Accessibility Conformance Report	Veytsman	506
TeX	A sophisticated typesetting engine	Knuth	287
tex2bib	Extract a BibTeX database from a document source	Friendly	216
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	213
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	538
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	439
tex2rtf	TeX translator, output formats include RTF	Smart	440
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	208
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	175
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	254
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	474
texaccents	Convert composite accented characters to Unicode	Milanese	338
texapi	Macros to write format-independent packages	Isambert, Robbers	260
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	172
texbook	The source of The T <sub>E</sub> Xbook	Knuth	287
texbuch	"The little T <sub>E</sub> XBook"	Cremer	182
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	198
texcad32	Win32 drawing package for mathematical diagrams	Unknown	496
texchord	Typeset guitar-chord diagrams	Hoffman	252
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	404
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	227
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	419
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	216
texdeps	Find the dependencies of a (La)TeX file	Cozens	182
texdiff	Compare documents and produce tagged merge	Doll, Günay	190
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	163
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	235



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texdoc	Documentation access for T <sub>E</sub> X Live	Asakura, Esser, Pégourié-Gonnard, T <sub>E</sub> XLive	134
texdoctk	Easy access to package documentation	Ruedas, Harcombe	413
texdraw	Graphical macros, using embedded PostScript	Kabal	269
texed	A T <sub>E</sub> X shell for OS/2	Stippich	450
texemplar	A class for the journal of CervanTeX	Bezos López	314
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	202
texfilt	A (La)TeX log filter	Baker	136
texfot	Filter clutter from the output of a T <sub>E</sub> X run	Berry	148
TeXhax	Digests of a general T <sub>E</sub> X mailing list	Unknown	496
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	216
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	387
texi2roff	Translate texinfo to troff	Erlebacher	201
texi2www	Converts texinfo to display on the Web	Singletary	439
texilikechaps	Format chapters with a texi-like format	Rivera	399
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	439
texindex	Simple indexing using standard Unix commands	Unknown	496
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	215
texinfo	Texinfo documentation system	Free Software Foundation	215
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	213
TeXline	A T <sub>E</sub> X-based magazine	Clark	177
texlipse	L <sup>A</sup> T <sub>E</sub> X plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	312
texlist	Typeset program listings	Forkosh	213
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	472
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	472
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	472
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	472
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	431
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	357
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	475
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	T <sub>E</sub> XLive	475
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	T <sub>E</sub> XLive	475
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	352
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	186
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	371
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	300
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	414
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	301
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	252
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	270
TeXmate	Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X	Garcia-De Castro	170
texments	Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X	Kubica	297
TeXmuse	Music typesetting system using T <sub>E</sub> X and Metafont	Garcia-De Castro	170
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Movahhedian	345
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	523
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	153
texosquery	Cross-platform Java application to query OS information	Talbot	465
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	322
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	213
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	398
texpictex	Use tpic special commands in PiCTeX	Grunwald	234
texplate	A tool for creating document structures based on templates	Cereda	171

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	307
TeXProject	A package for project management	Bressan, Gurari	158
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	541
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	216
texshade	Package for setting nucleotide and peptide alignments	Beitz	145
TeXshell	X-Window Shell for T <sub>E</sub> X	Mittelbach	342
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	454
texshop	TeX front end for use on MacOS X	Koch	288
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	351
texsketch	A drawing package for OS/2	Bahnes	135
texsort	Sort/compress numerical lists	Tolušis	484
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	197
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	129
TeX T1	TeX format from Washington State University	Guenther	234
text2bib	A PHP script to convert references to BibTeX	Osborne	371
textarea	Control the text area dynamically	Rozhenko	413
textcase	Case conversion ignoring mathematics, etc	Carlisle	168
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	391
textcsc	Simple commands for caps-to-small-caps text	Granet	229
textfit	Fit text to a desired size	Rahtz, Taylor	391
textglos	Typeset and index linguistic gloss abbreviations	Weber	520
textgreek	Upright greek letters in text	Michlmayr	337
textmerg	Merge text in T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Piff, Fairbairns, Carlisle	383
textool	A SunOS DVI viewer	Ilieve	259
texttoolspro	Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X	Algaba	128
textopo	Annotated membrane protein topology plots	Beitz	145
textpath	Setting text along a path with MetaPost	Hennig	249
textpos	Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page	Gray	231
textualcomma	Use the textual comma character as decimal separator in math mode	Friedl	216
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	269
texvc	Use MediaWiki L <sup>A</sup> T <sub>E</sub> X commands	Schubotz	427
texware	Utility programs for use with T <sub>E</sub> X	Knuth	287
tfmpk	A viewer for tfm and pk font files	Medini	335
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	303
tfroupee	A font offering the new (Indian) Rupee symbol	Jørgensen	268
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	527
tgrind	Produce beautiful program listings using plain T <sub>E</sub> X	Jacobson	263
tgrind209	Support tgrind in L <sup>A</sup> T <sub>E</sub> X 2.09	Unknown	496
thai-rmit	A font for Thai script	Kent	274
thai-usl	A font for Thai script	Kent	274
thaienum	Thai labels in enumerate environments	Janthong	263
thaifonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	271
ThailaTeX	Typeset Thai texts with standard L <sup>A</sup> T <sub>E</sub> X classes	Karoonboonyanan	271
thaispec	Thai Language Typesetting in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Promkam	388
thalie	Typeset drama plays	Paternault	378
theanodidot	TheanoDidot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
theanomodern	Theano Modern fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
theanooldstyle	Theano OldStyle fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
theapa	APA (American Psychology Association) Reference Citation for L <sup>A</sup> T <sub>E</sub> X	Ryu	414
theatre	A sophisticated package for typesetting stage plays	Hinque	251
theorem	Manipulate theorem environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
theoremref	References with automatic theorem names	Jeřábek	266
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	366
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	239
these	Bibliography style for French theses	Herrb	249

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	485
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	298
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	394
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	301
thesis	Typeset thesis	Matiaske	331
thinsp	A stretchable $\backslash$ thinspace for L <sup>A</sup> T <sub>E</sub> X	Jørgensen	268
thirteen	Print dates of Friday 13th days	Unknown	497
thmbox	Decorate theorem statements	Beffara	145
thmtools	Extensions to theorem environments	Schwarz, Chou	429
thorshammer	Assessment based on AcroTeX quizzes	Story	454
threadcol	Organize document columns into PDF “article thread”	Pakin	374
threecol	Three-column newsletter output	Unknown	497
threecolumn	L <sup>A</sup> T <sub>E</sub> X output in three columns	Greenwade	232
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	322
3DLDF	Three-dimensional drawing with MetaPost output	Finston	209
threeparttable	Tables with captions and notes all the same width	Arseneau	133
threeparttablex	Notes in longtables	Madsen	326
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	283
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	506
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	159
thubeamer	A beamer theme for Tsinghua University	Yang	534
thucoursework	Coursework template for Tsinghua University	Zhao	540
thumb	Thumb marks in documents	Holm Christensen	176
thumbpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	366
thumbs	Create thumb indexes	Münch	347
thumby	Create thumb indexes for printed books	Goldgaber	225
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	533
tib	A bibliographic preprocessor	TUNA Association	
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Alexander, Kremer, Kolb	127
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Schwartz, Knight, Wujastyk	428
ticollege	Graphical representation of keys on a standard scientific calculator	Emmel	200
tie	Allow multiple web change files	De Sousa	443
tif2eps	A PostScript program for converting TIFF files to EPS	Guntermann	236
tiff	The tiff graphics package	Jackowski, Pianowski, Strzelczyk	262
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Leffler	306
tikz-among-us	Create some AmongUs characters in TikZ environments	Hein	245
TikZ-Bagua	Draw Bagua symbols in Yijing	Zucatelli	543
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	WANG	518
tikz-bbox	Precise determination of bounding boxes in TikZ	Luttinen	324
tikz-cd	Create commutative diagrams with TikZ	Unknown	497
tikz-dependency	A library for drawing dependency graphs	Stoffel	450
tikz-dimline	Technical dimension lines using PGF/TikZ	Pighin	383
tikz-ext	A collection of libraries for PGF/TikZ	Gross	234
TikZ-FeynHand	Feynman diagrams with TikZ	Unknown	497
tikz-feynman	Feynman diagrams with TikZ	Dohse	190
tikz-imagelabels	Put labels on images using TikZ	Ellis	199
tikz-inet	Draw interaction nets with TikZ	Plüss	385
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	de Falco	204
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Niepraschk	357
tikz-ladder	Draw ladder diagrams using TikZ	Laus	304
tikz-lake-fig	Schematic diagrams of lakes	Laus	304
		Stachelek	447

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	345
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	227
tikz-network	Draw networks with TikZ	Hackl	237
tikz-opm	Typeset OPM diagrams	Hoffmann	252
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	216
tikz-page	Small macro to help building nice and complex layout materials	Gross	234
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	420
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	415
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	175
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	304
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	304
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	398
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	419
tikz-trackschem...	A TikZ library for creating track diagrams in railways	Scheidt	419
tikz-truchet	Draw Truchet tiles	Scroggs	429
TikZbricks	Drawing bricks with TikZ	Unknown	497
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	415
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	497
tikzfill	TikZ libraries for filling with images and patterns	Sturm	455
tikzinclude	Import TikZ images from collections	Schwenk, Berg	429
TikZlings	A collection of cute little animals and similar creatures	Unknown	497
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	447
TikZmarmots	Drawing little marmots in TikZ	Unknown	497
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	415
tikzpackets	Display network packets	Paciorek	372
tikzpagenodes	A single TikZ node for the whole page	Scharrer	419
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	210
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	217
Tikzpingus	Penguins with TikZ	Sihler	438
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	398
tikzscale	Resize pictures while respecting text size	Häcker	236
tikzsymbols	Some symbols created using TikZ	Vitecek	508
tikztosvg	A utility for rendering TikZ diagrams to SVG	Unknown	497
tile-graphic	Create tiles of a graphical file	Story	454
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	215
time-gen	Print the time (12-hour clock)	Sen	431
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	383
timeline	Typeset time-lines, for planning, etc	Unknown	497
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	391
timetab	Typeset timetables	Oetiker	367
timetable	Generate timetables	Verunek	503
timing-diagrams	Draw timing diagrams	Moy	346
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	332
tinos	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
tiny21	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	385
tip	Macro examples from "TeX in Practice"	von Bechtolsheim	143
tipa-de	German translation of tipa documentation	Leistner	307
tipa	Fonts and macros for IPA phonetics characters	Rei	395
tipauni	Producing Unicode characters with TIPA commands	Unknown	497
tipfr	Produces calculator's keys with the help of TikZ	De Sousa	444
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezos López	315
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	259

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
titlecaps	Setting rich-text input into Titling Caps	Segletes	430
titlefoot	Add special material to footer of title page	Presnell	387
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	429
titlepages	Sample titlepages, and how to code them	Wilson	527
titlepic	Add picture to title page of a document	ten Cate	171
titles	Page style control	Bezoz López	315
titleref	A "\titleref" command to cross-reference section titles	Arseneau	133
titles	Titles of books, articles, etc. in L <sup>A</sup> T <sub>E</sub> X	Swift	457
titlesec	Select alternative section titles	Bezoz López	315
titletoc	Alternative headings for toc/lof/lot	Bezoz López	315
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	403
tkbibtex	A portable editor and browser for BibTeX files	Corke	180
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	312
tkhyph	Hyphenation patterns for Turkish	MacKay	325
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	454
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	331
tkz-berge	Macros for drawing graphs of graph theory	Matthes	331
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	331
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	331
tkz-fct	Tools for drawing graphs of functions	Matthes	331
tkz-graph	Draw graph-theory graphs	Matthes	332
tkz-kiviat	Draw Kiviat graphs	Matthes	332
tkz-linknodes	Link nodes in mathematical environments	Matthes	332
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	515
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	332
tkzexample	Package for the documentation of all tkz-* packages	Matthes	332
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	295
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	257
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	341
tlc2-examples	Examples from "The L <sup>A</sup> T <sub>E</sub> X Companion", second edition	Mittelbach	341
TL Cockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	387
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	410
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	456
tlmgrBasics	A simplified documentation for tlmgr	Tennent	473
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	338
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	422
tmview	A DVI previewer for SVGA displays	Moor	343
to-be-determined	Highlight text passages that need further work	Bugayenko	162
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	542
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	497
tocbasic	Management of tables/lists of contents (and the like)	Kohm	291
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	403
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	195
tocenter	Centring (and other) Page Layout	Rozhenko	413
tocloft	Control table of contents, figures, etc	Robertson, Wilson	403
tocstyle	Define style of Table of contents (etc) files	Kohm	291
tocvsec2	Section numbering and table of contents control	Robertson, Wilson	403
todo	Make a to-do list for a document	Garcia-De Castro	170
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	338
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	262
tokcycle	Build tools to process tokens from an input stream	Segletes	430
tokenizer	A tokenizer	Herpers	249
tolkienfonts	Use TTF "Tolkien" fonts from the WWW with pdfTeX	Barton	139
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	173



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
toolbox	Tool macros	Väth	501
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	203
topfloat	Move floats to the top of the page	Macchia	325
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	157
TOPletter	Letter class for the Politecnico di Torino	Torchiano	485
topsection	An un-numbered top level section	Rozhenko	413
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	142
totalcount	Commands for typesetting total values of counters	Sommerfeldt	443
totcount	Find the last value of a counter	Koutavas	294
totpages	Count pages in a document, and report last page number	Müller	346
tpcmfont	Computer modern fonts in “true point sizes”	Knuutila	288
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	248
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	307
TpX	A drawing tool for Windows	Tsyplakov	488
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	447
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	200
trace	Make sensible use of T <sub>E</sub> X tracing in L <sup>A</sup> T <sub>E</sub> X	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	342
tracking	Adjust tracking of strings	Glazkov	223
tracklang	Language and dialect tracker	Talbot	465
trademarks	A collection of trademarks and the like	Unknown	497
trajan	Fonts from the Trajan column in Rome	Wilson	527
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	276
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	153
transfig	Transform xfig pictures into many other formats	Smith	441
translation-arr...	French translation of the documentation of array	Drucbert	193
translation-ars...	German version of arsclassica	Römer, Gessinger	407
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	407
translation-boo...	French translation of the documentation of booktabs	Drucbert	193
translation-che...	German version of chemsym	Römer, Heuke	407
translation-dco...	French translation of the documentation of dcolumn	Drucbert	193
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	407
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	321
translation-eur...	German version of europecv	Römer, Fischer	407
translation-fil...	German version of filecontents	Römer, Berndt	407
translation-foo...	A German translation of the documentation of footmisc	Römer	407
translation-mor...	German version of moreverb	Römer, Biniok	407
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	193
translation-pst...	A German translation of the documentation of pst-jtree	Römer	407
translation-tab...	French translation of the documentation of Tabbing	Drucbert	193
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages	Niederberger	356
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	530
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	521
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	366
tree-dvips	Trees and other linguists’ macros	Pease	378
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	201
treesvr	Tree macros	Vanroose	500
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	151
treetex-plain	Draw trees	Brueggemann-Klein, Wood	160
trfsigns	Typeset transform signs	Rascher	393
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
trigonometry	Demonstration code for cos and sin in T <sub>E</sub> X macros	Taylor	468
trimspaces	Trim spaces around an argument or within a macro	Robertson	401
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	530
trsym	Symbols for transformations	Holfert	254

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
truchet	Truchet tiling in MetaPost	Roegel	405
truecols	Colour facilities for SliTeX	Love	318
truetypermetrics	Metrics for some TrueType font families	Penninga	380
TrueTypeToType42	Generate a Type 42 font from a TrueType font	Barton	139
truncate	Truncate text to a specified width	Arseneau	133
truthtable	Automatically generate truth tables for given variables and statements	Flück	212
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	473
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	358
tsemlines	Support for the ancient \emline macro	Schlemmer	420
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	238
tt2001	Type 1 EC fonts generated by T <sub>E</sub> Xtrace	Szabó	460
ttf-howto	Using TrueType fonts with T <sub>E</sub> X systems	Harders	242
ttf2mf	Convert True Type fonts to Metafont	Motygin	345
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	308
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siegert, Henlich	520
ttf2tex	Use TrueType fonts with t <sub>E</sub> X	Lehman	306
ttftogf	Convert True Type fonts to GF format	Vasil'ev	501
tth	A T <sub>E</sub> X to HTML translator	Hutchinson	258
ttn	TeX and TUG news archive	Thiele	481
ttt	A Tibetan Transcript Transliterator for L <sup>A</sup> T <sub>E</sub> X	Steiner	449
tucv	Support for typesetting a CV or résumé	Louthan	318
tuda-ci	L <sup>A</sup> T <sub>E</sub> X templates of Technische Universität Darmstadt	Peischl	380
tudscr	Corporate Design of Technische Universität Dresden	Hanisch	239
tuft-latex	Document classes inspired by the work of Edward Tufte	Godby	224
tugboat-plain	Plain T <sub>E</sub> X macros for TUGboat	Beeton, Berry	144
tugboat-toc	An accumulation of TUGboat tables of contents	Beeton	144
tugboat	L <sup>A</sup> T <sub>E</sub> X macros for TUGboat articles	Fairbairns, Berry	202
tui	Thesis style for the University of the Andes, Colombia	Vaughan	502
turabian-format...	Formatting based on Turabian's Manual	Abdool	125
turabian	Create Turabian-formatted material using L <sup>A</sup> T <sub>E</sub> X	Surber	456
turkish	L <sup>A</sup> T <sub>E</sub> X Support for Typesetting Turkish	MacKay	325
turkishintro	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Turkish	Rakhimov	392
turkmen	Babel support for Turkmen	Annagurban	130
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	160
turnthepage	Provide "turn page" instructions	Merciadri	337
TVS	TeX Versioning System	Antos	130
twcal	Calligraphic font for typesetting handwriting	Weinmann	521
tweb	A web system for T <sub>E</sub> X macro sources	Bzyl	165
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	540
twemojis	Use Twitter's open source emojis through L <sup>A</sup> T <sub>E</sub> X commands	Rossel	409
twocolumns	Knuth's two-column output macros	Knuth	287
2in1	Print two pages on a single page	Saxena	416
twoopt	Definitions with two optional arguments	Oberdiek	366
twoside	Two-side typesetting in Plain T <sub>E</sub> X	Unknown	497
twoup-gen	Macros to print two-up	Van Zandt, Voß	539
twopltx	Print two virtual pages on each physical page	Hansen	239
txfonts	Times-like fonts in support of mathematics	Ryu	414
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	487
txgreek	Shape selection for TX fonts Greek letters	Burnol	163
txp	Draw text along a path	Muelas	346
txt	Output documents via terminals, line printers, etc	Droms	193
txt2latex	Convert text by fixing special chars and quote marks	Miller	340
txt2tex	Add L <sup>A</sup> T <sub>E</sub> X markup to plain text	Jansons	263
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	434
type1cm	Arbitrary size font selection in L <sup>A</sup> T <sub>E</sub> X	Carlisle	168

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	510
typearea	Set page margins	Kohm, Neukam	292
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in L <sup>A</sup> T <sub>E</sub> X	Grewé	233
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	430
typeface	Select a balanced set of fonts	Jones	267
typehtml	Typeset HTML directly from L <sup>A</sup> T <sub>E</sub> X	Carlisle	168
typeoutfileinfo	Display class/package/file information	Lück	321
typespec	Create font samplers	Moye	346
typewriter	Typeset with a randomly variable monospace font	Carlisle	168
typicons	Font containing a set of web-related icons	Vigil	507
typoid	Macros for font diagnostics	Ratti	393
typografie	A tutorial on typography	Reichert	396
typogrid	Print a typographic grid	Harders	242
tzplot	Plot graphs with TikZ abbreviations	Cho	176
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	385
uaclases	University of Arizona thesis and dissertation format	Oliver	368
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	254
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	183
uassign	Environments and options for typesetting university assignments	Esau	201
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	537
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	509
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	429
ucharcat	Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX	Carlisle	168
ucharclasses	Font actions in XeTeX according to what is being processed	Kamermans	270
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	265
ucsmograph	Typesetting academic documents from the University of Caxias do Sul	Baron	137
ucthesis	University of California thesis format	Gildea	222
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	348
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	160
udesoftec	Thesis class for the University of Duisburg-Essen	Schuler	427
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	127
uestcthesis	Thesis class for UESTC	Fujun	217
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	216
ugarite	Fonts for Ugaritic cuneiform script	Wilson	527
ugaritic	A font for Ugaritic	Stanier	447
uhc	Fonts for the Korean language	Un	490
uhassignment	A document class for typesetting homework assignments	Wittenburg	528
uhrzeit	Time printing, in German	Meltzer	336
unthesis	University of Houston thesis document style	Georgakopoulos	220
uiucborder	Class for UIUC thesis red-bordered forms	Pakin	374
uiucthesis	UIUC thesis class	Czoschke, Hull	183
ukbill	A class for typesetting UK legislation	Granet	229
ukdate	Typeset date in a UK-ish form	Clark	177
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	531
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	437
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	497
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	489
ulem	Package for underlining	Arseneau	133
ulqda	Support of Qualitative Data Analysis	Griffin	233
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	225

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ulsy	Extra mathematical characters	Goldschmitt	225
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	303
Ultra-TeX	An emacs TeX mode with "lightning completion"	Palmieri	375
umclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	185
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	280
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	223
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	443
umoline	Underline text allowing line breaking	Nakashima	351
umrand	Package for fancy box frames	Schrell, Hörstmeier	425
umthesis	Dissertations at the University of Michigan	Felty	206
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	459
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	152
unamth-template	UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template	Velázquez	502
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	215
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	206
uncial	Uncial manuscript book-hand font	Wilson	527
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	244
underlin-generic	Multi-word underlining	Gildea	222
underlin	Underlined running heads	Schöpf	424
underoverlap	Position decorations over and under expressions	Helvensteijn	246
underscore	Control the behaviour of " _ " in text	Arseneau	133
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	497
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	140
undolabl	Override existing labels	Münch	347
undump	Make a new executable with format loaded	Thomas	482
unfinished	Mark unfinished parts of a document	Unknown	497
unfonts-core	TrueType version of Un-fonts	Un	490
unfonts-extra	TrueType version of Un-fonts	Un	490
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	292
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	183
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	183
unicode-alphabets	Macros for using characters from Unicode's Private Use Area	Eriksen	201
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub Organisation	276
unicode-data	Unicode data and loaders for TeX	Wright, L <sup>A</sup> T <sub>E</sub> X Team	531
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	401
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	265
unicodfonttable	A Unicode font table generator	Mittelbach	341
UniFiTh	Typeset theses for University of Florence (Italy)	Biccari	149
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	380
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	540
uninormalize	Unicode normalization support	Hoftich	254
uniquecounter	Provides unlimited unique counter	Oberdiek	367
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	498
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	222
unitconv	Convert a length into one with another unit	Voß	514
unitipa	TIPA typefaces with Unicode characters as input	Unknown	498
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	390
units	Typeset units	Reichert	396
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	239
universa	Herbert Bayer's 'universal' font	Holm Christensen	176
universalis	Universalis font, with support	Tennent	473

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	445
unixman	Typeset to look like Unix man output	Barton-Davis	139
unizgklasa	A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb	Milin	339
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	335
unpacked	Unpacked copy of the L <sup>A</sup> T <sub>E</sub> X sources	L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach, Lamport	480
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	211
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	336
unswthesis	UNSW theses	Zaitseff	538
untext	Strip (La)T <sub>E</sub> X commands from source file	Staats, Endisch	446
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	129
uowthesis	Document class for dissertations at the University of Wollongong	Ye	536
uowthesistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	233
upca	Print UPC-A barcodes	Mrkus	346
upgreek	Upright Greek letters	Schmidt, Harcombe	422
uplatex	pLaTeX2e and miscellaneous macros for upT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team	326
upmendex	Multilingual index processor	Tanaka	466
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	218
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	276
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	181
upref	Ensure references are upright	The AMS	475
uptex-base	Plain T <sub>E</sub> X formats and documents for upT <sub>E</sub> X	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	326
uptex-fonts	Fonts for use with upT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	326
uptex	Unicode version of pT <sub>E</sub> X	Tanaka	466
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pT <sub>E</sub> X	Zhang	540
urcls	Beamer and scr <sub>l</sub> tr2 classes and styles for the University of Regensburg	Peischl	380
uri	Hyperlinks for a wide range of URIs	Münch	347
url	Verbatim with URL-sensitive line breaks	Arseneau	133
urlbst	Web support for BibT <sub>E</sub> X	Gray	231
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	499
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	499
URW-base35	URW 'Base 35' font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	499
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	422
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	499
urw	URW free font support	URW GmbH	499
urwchancal	Use URW's clone of Zapf Chancery as a maths alphabet	Sharpe	434
urwvf	Support for use of free URW fonts	Wierzbicki	523
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	178
usebib	A simple bibliography processor	Gregorio	233
usenix	Style option to do Usenix conference proceedings	Steiner	449
ushort	Shorter (and longer) underlines and underbars	Väth	501
ushyph	US hyphenation patterns	Kuiken	298
uspace	Giving meaning to various Unicode space characters	Haisman	237
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	388
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	479
ut-backref	Modified backref	Utcke	499



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ut-thesis	University of Toronto thesis style	Pitt, Knight	384
utexasthesis	University of Texas at Austin graduate thesis style	Brown	159
utf2any	Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc	Kleiweg	283
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	268
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	165
utfsym	Provides various Unicode symbols	Spittank	444
util-half	A half-tone font	Unknown	498
utopia	Adobe Utopia fonts	Adobe	125
utorontothesis	A thesis class definition for University of Toronto	Bernecky	147
utthesis	Thesis package for the University of Texas at Austin	Das	185
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	382
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	382
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	382
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	382
uwmslide	Slides with a simple Power Point like appearance	Benedict	146
uwthesis	University of Washington thesis class	Fox	213
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	213
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	321
vak	BibTeX style for Russian Theses, books, etc	Melnikov	336
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	144
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	276
variations	Typeset tables of variations of functions	Obrecht	367
varindent	Make paragraph indentation match the length of the line above	Arseneau	133
varindex	Luxury frontend to the \index command	Väth	501
varioref	Intelligent page references	Mittelbach	341
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	256
varsects	A simple package for controlling headings	Taupin	467
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	541
varwidth	A variable-width minipage	Arseneau	133
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	313
vc	The vc (version control) bundle	Hennig, Hieber	249
vcell	Vertical alignment of content inside table cells	Dionne	189
vdm	Typesetting VDM schemas	Wolczko	528
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	304
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	197
venn	Creating Venn diagrams with MetaPost	Hefferon	244
venndiagram	Creating Venn diagrams with TikZ	Talbot	465
venturisADF	Venturis ADF fonts collection	Harendal, Rees	242
verbasef	VERBatim Automatic Splitting of External Files	Thompson	482
verbatim-gen	Generic macros for setting text verbatim	Taylor	468
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	498
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	144
verbatim	Reimplementation of and extensions to L <sup>A</sup> T <sub>E</sub> X verbatim	Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	425
verbatimbox	Deposit verbatim text in a box	Segletes	430
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	326
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	203
verbinp	"8-bit" verbatim	Perske	381
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	542
verbtext	Verbatim, interpreting non-ascii text	Perske	381
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	344
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	183
verifica	Typeset (Italian high school) exercises	Dossena	191

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	389
verse	Aids for typesetting simple verse	Robertson, Wilson	403
version	Conditionally include text	Bellantoni, Arseneau	146
versions	Optionally omit pieces of text	Lück	321
versionotes	Display brief notes on verso pages	Gray	231
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	403
vertex	Styles for economics working papers and journals	Varian	501
vf-howto	Tutorial on creating virtual fonts	Schmitz	423
vf-knuth	Knuth on virtual fonts	Knuth	288
vfcomb	VF author support	Berdnikov	147
vfinst	Virtual font installation support	Hoenig	252
vfware	Tools for virtual font metrics	Knuth	288
vgrid	Overlay a grid on the printed page	Lawrence	304
vhistory	Support for creating a change log	Wertnauer	522
vicentino	Vicentino fonts	Kraml, Kilfiger	294
vietnet	Preprocessor and macros for Vietnamese	Tran	485
viipart	7pt-article class	Zadka	537
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	542
vispeech	Using Bell's Visible Speech alphabet	Shoulson	436
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	269
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	374
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	170
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	406
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	170
vita	Configurable class for curricula vitarum	Brodnik	159
vita209	A Curriculum Vitae style	Border	154
vmargin	Set various page dimensions	Kuhlmann	297
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	203
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	285
vnctx-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	293
vnctx	Support for Vietnamese	Thành, Lemberg, Kotucha	474
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Ververidis	503
volumes	Typeset only parts of a document, with complete indexes etc	Küster	299
voss-mathcol	Typesetting mathematics in colour, in (La)T <sub>E</sub> X	Voß	514
voss-mathmode	A comprehensive review of mathematics in (La)T <sub>E</sub> X	Voß	514
vowel	Draw vowel charts for phonetic research	Rei	395
vpage	Set page sizes	Kuhlmann	297
vpe	Source specials for PDF output	Oberdiek	367
vputils	Manipulate (virtual) property lists	Duggan	194
vpp	View and (selectively) Print PDF and PostScript	Dekker	187
vr	Verbatim macros in plain T <sub>E</sub> X	van der Laan	300
vrbin	Verbatim input support	Thompson	482
vrson	Add version number to a DVI file	Dahlgren	183
vruler	Numbering text	Jiang	266
VSliTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	289
vtable	Vertical alignment of table cells	Paciorek	372
VT <sub>E</sub> X/Free	T <sub>E</sub> X system and PDF support for Linux and OS/2	MicroPress	338
vutex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	528
vvcode	Reliable encoder for binary files via email	Kempson	274
vwcol	Variable-width multiple text columns	Robertson	401
vxu	Document classes for Vaxjo University	Nyqvist	360
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	422
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	270
wadalab	Wadalab (Japanese) font packages	Lemberg	309

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
wallcalendar	A wall calendar class with custom layouts	Bhikkhu	149
wallpaper	Easy addition of wallpapers (background images) to L <sup>A</sup> T <sub>E</sub> X documents, including tiling	Wilkinson	524
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	176
warning	Global warnings at the end of the logfile	Harders	242
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	404
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	422
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	251
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	517
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	277
watermark	Draw “watermarks” on the output page	Rozhenko	413
weave	Generate T <sub>E</sub> X source from web	Knuth	288
web	The original literate programming system	Knuth	288
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	520
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	413
web9pt	Nine-point web listings	Unknown	498
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	227
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	387
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	527
webmacss	Use sans serif font in Web listings	Unknown	498
webomints	Webomints font support	Loreti	318
WebQuiz	Write interactive web based quizzes	Mathas	330
weekday	Generate “day of week”	Vulis	516
wheelchart	Draw wheelcharts with TikZ	Floré	211
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	374
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	523
widetable	An environment for typesetting tables of specified width	Beccari	142
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	341
wiggly	Draw wiggly lines under text	Garavelli	218
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	321
williams	Miscellaneous macros by Peter Williams	Williams	524
willowtreebook	Easy basic book class, built on memoir	McKay	334
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	293
window	Create windows in paragraphs	Schalück	417
windvi	MS-Windows DVI viewer	Popineau	386
windycity	A Chicago style for BibLaTeX	Chase	173
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	439
winemtex	EmTeX for windows	Unknown	498
Winfonts	Use fonts distributed with Windows XP	Pichaureau	382
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	396
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	151
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	346
withargs	In-place argument substitution	Helvensteijn	246
witharrows	“Aligned” math environments with arrows for comments	Pantigny	376
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	146
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	346
wmf2eps	Windows metafile conversion	Schulter	427
wncyr	University of Washington cyrillic fonts	The AMS	475
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	375
wnri	Ridgeway’s fonts	Ridgeway, Pandey	398
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	498
wochtag	Generate the German weekday name for a date	Schrell	425
Woff2OT	Woff to OpenType converter	Frane Jr	269
word2latex	A translator from MS Word to L <sup>A</sup> T <sub>E</sub> X documents	de Boer	152
word2tex	Convert T <sub>E</sub> X/MSWord to L <sup>A</sup> T <sub>E</sub> X	Chikrii	175

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
word2x	Word 6 format converter	Simpson	439
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	192
wordlike	Simulating word processor layout	Fenn	206
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	184
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	528
worksheet	Easy creation of worksheets	Zöllner	542
worldflags	Drawing flags with TikZ	Haager	236
wotree	Draw Warnier/Orr diagrams	Gurari	236
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtik	212
wrapfig	Produces figures which can flow around	Arseneau	133
wrapfig2	Wrap text around figures	Beccari	142
wrapstuff	Wrapping text around stuff	Lee	305
wright	Define commands with optional arguments	Unknown	498
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	441
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	408
wsuipa	International Phonetic Alphabet fonts	Guenther	234
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	283
WTRef	Extend L <sup>A</sup> T <sub>E</sub> X's cross-reference system	Asakura	134
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	380
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	498
xassocnt	Associated counters stepping simultaneously	Hupfer	258
xbibfile	Create and search BibTeX databases	Maloney	327
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	273
xbmks	Create a cross-document bookmark tree	Story	454
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	211
XCharter	Extension of Bitstream Charter fonts	Sharpe	434
xcite	Use citation keys from a different document	Gregorio	233
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	305
xcmr	A crossed-out version of Computer Modern	Unknown	498
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	258
xcoffins	Rich boxed material for L <sup>A</sup> T <sub>E</sub> X 3	L <sup>A</sup> T <sub>E</sub> X Team	479
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	370
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	182
xcolor	Driver-independent color extensions for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Kern, L <sup>A</sup> T <sub>E</sub> X Team	274
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	539
xcookybooky	Typeset (potentially long) recipes	Harder	240
xcpdftips	Natbib citations with PDF tooltips	Kocic	288
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	246
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	389
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	498
xdvi	A DVI previewer for the X Window System	Vojta	509
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	394
xexchangebar	An extension of package changebar that can be used with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	459
xecjk	Support for CJK documents in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	305
xecolor	Support for color in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	276
xecolour	Support for colour in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	276
xecyr	Using Cyrillic languages in XeTeX	Shipunov	436
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	459
xeindex	Automatic index generation for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	261
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	345
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	276
xesearch	A string finder for XeTeX	Isambert, Robbers	261
xesoul	Use the soul package with X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	459
xespotcolor	Spot colours support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	459
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	325
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	171
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	343
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	449
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	459
xetex-itrans	Itrans input maps for use with X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	125
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	435
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	449
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	274
xetexfontinfo	Report font features in XeTeX	Kew	274
xetexko	Typeset Korean with Xe(La)TeX	Kim	278
XeTeXref	Reference documentation of XeTeX	Robertson	401
xevlna	Insert non-breakable spaces using XeTeX	Wagner	517
xfakebold	Fake a regular font for bold characters	Voß	514
xfig	XWindows vector drawing program	Smith	441
xfor	A reimplementation of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	465
xfp	Interface to the L <sup>A</sup> T <sub>E</sub> X3 floating point unit	L <sup>A</sup> T <sub>E</sub> X Team	480
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	254
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	480
xgreek	Greek Language Support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	459
xhfill	Extending \hrulefill	Voß	514
xifthen	Extended conditional commands	Noirel	358
xii-lat	Christmas silliness (Latin)	Carlisle	168
xii	Christmas silliness (English)	Carlisle	168
xindex	Unicode compatible index generation	Voß	514
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	276
xindy	A general-purpose index processor	Kehr, Schrod	273
xint	Expandable operations on long numbers	Burnol	163
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	163
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	446
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	256
xkcdcolors	xkcd names of colors	Giannetti	221
xkeyval	Extension of the keyval package	Adriaens	126
xkvltxp	Provision for expandable macros in package options	Adriaens	126
xkvview	Xkeyval viewer	Adriaens	126
xl2latex	Convert Excel (97 and above) tables to L <sup>A</sup> T <sub>E</sub> X tabulars	Buchmann	160
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	192
xlop	Calculates and displays arithmetic operations	Charpentier	172
xltablear	Longtable support with possible X-column specifier	Voß, Niepraschk	515
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	401
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	445
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	277
xmltex	Support for parsing XML documents	Carlisle	168
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	442
xmthesis	XMU thesis style	Cao	166



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	358
xoptarg	Expandable macros that take an optional argument	Noirel	358
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	480
xpatch	Extending etoolbox patching commands	Gregorio	233
xpdf	Viewing and manipulating PDF files	Noonburg	359
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	189
xpeek	Define commands that peek ahead in the input stream	Salomon	415
xpiano	An extension of the piano package	Gregorio	233
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	217
xpinyin	Automatically add pinyin to Chinese characters	Lee	305
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	257
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	393
xq	Support for writing about xiangqi	Weinhold, Pipping	521
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	169
xr	References to other L <sup>A</sup> T <sub>E</sub> X documents	Carlisle, Drucbert, L <sup>A</sup> T <sub>E</sub> X Team	168
xrefwarn	Only one warning for an undefined citation	Verwer	504
xsavexbox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	229
xsim	eXercise Sheets IMproved	Niederberger	356
xskak	An extension to the skak package for chess typesetting	Fischer	210
xspace	Define commands that appear not to eat spaces	Carlisle, Høgholm, L <sup>A</sup> T <sub>E</sub> X Team	169
xstring	String manipulation for (La)TeX	Tellechea	468
xtab	Break tables across pages	Robertson, Wilson	404
xtcpts	Defining language-dependent text macros	Fricke	215
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	302
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	480
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	440
XteXShell	A shell/editor	Hofmann	253
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	413
xtuthesis	XTU thesis template	Dongdong	191
xunicode	Generate Unicode characters from accented glyphs	Moore	343
xurl	Allow URL breaks at any alphanumerical character	Voß	514
xwatermark	Graphics and text watermarks on selected pages	Musa	351
xwpick	Pick an image from an X display	Chernyaev	174
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	509
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	408
xymtex	Typesetting chemical structures	Fujita	216
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	166
xypic	Flexible diagramming macros	Rose, Moore	408
xytree	Tree macros using XY-Pic	Un	490
<b>YYYYY</b>			
yacco2	Multi-threaded LR(1) compiler/compiler that emits literate grammar documents	Bone	152
yafoot	A bundle of miscellaneous footnote packages	Nakashima	352
yagusylo	A symbol loader	Henel	248
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	227
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	202
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	325
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	240
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	150

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
yax	Yet Another Key System	Isambert, Robbers	261
yazd-thesis	A template for the Yazd University	Damanafshan	184
yb-book	Template for YB Branded Books	Bugayenko	162
ycbook	A versatile book class	Cherem	174
ydoc	Macros for documentation of L <sup>A</sup> T <sub>E</sub> X classes and packages	Scharrer	419
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	344
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	211
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	159
yfonts	Support for old German fonts	Schmidt, Preining	423
yfrak	Old German Fraktur font	Haralambous	240
ygoth	Old German Gothic font	Haralambous	240
ymath	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	240
yi4latex	Yi (Southern Chinese) support	Corff	180
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	425
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	240
yinit	Old German decorative initials	Haralambous	240
york-thesis	A thesis class file for York University, Toronto	Gall	218
young	Young tableaux	Knappen, Wormer	285
youngtab	Typeset Young-Tableaux	Börchers	153
yplan	Daily planner type calendar	Nickalls, Harders	354
yquant	Typesetting quantum circuits in a human-readable language	Desef	188
yswab	Old German Schwabacher font	Haralambous	240
yt4pdf	Play YouTube videos in a PDF	Story	454
ytableau	Many-featured Young tableaux and Young diagrams	Reich	395
ytex	Macro package developed at MIT	Brotsky	159
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	498
zahl2string	Format numbers as German words	Sauer	416
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	338
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	143
zebra-goodies	A collection of handy macros for paper writing	Xue	533
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	185
zed	Typeset Z specifications	Spivey	445
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	217
zero	Start list (etc.) numbering at zero	Verhoeff	503
zhlineskip	Line spacing for CJK documents	Zhang	540
zhlipsum	Chinese dummy text	Zeng	540
zhmakeindex	Makeindex replacement for Chinese users	Liu	312
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	312
zhmetrics-uptex	Chinese font metrics for upTeX	Liu	312
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	519
zhnumber	Typeset Chinese representations of numbers	Lee	305
zhspacing	Spacing for mixed CJK-English documents in XeTeX	Dian, Lee	189
ziffer	Conversion of punctuation in maths mode	Väth	502
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	300
zip	Barcodes for USA ZIP code	Smith	441
zitie	Create CJK character calligraphy practicing sheets	Unknown	498
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	434
zootaxa-bst	A BibTeX style for the journal Zootaxa	Ballen	137
zref-check	Flexible cross-references with contextual checks based on zref	Barros	138
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	138
zref-vario	Extended L <sup>A</sup> T <sub>E</sub> X page cross-references with varioref and zref-clever	Barros	138
zref	A new reference scheme for L <sup>A</sup> T <sub>E</sub> X	Oberdiek	367

Package	Caption	Author	Page
zwgetfdate	Get package or file date	Wagner	517
zwpagelayout	Page layout and crop-marks	Wagner	517
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	179
zxjafbfont	Fallback CJK font support for Xe <sub>La</sub> TeX	Yato	536
ZXjafont	Set up Japanese font families for Xe <sub>La</sub> TeX	Yato	536
ZXjatype	Standard conforming typesetting of Japanese, for Xe <sub>La</sub> TeX	Yato	536
ZzTeX	A full-featured TeX macro package for producing books, journals, and manuals	Anagnostopoulos	129

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/background>
- *The fancypar package. Decoration of individual paragraphs*. 2021-04-17. Version 1.3. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancypar>
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 URL: <https://ctan.org/pkg/makecirc>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>
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 URL: <https://ctan.org/pkg/babel-icelandic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayer>
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URL: <https://ctan.org/pkg/longfigure>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
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URL: <https://ctan.org/pkg/statrep>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
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URL: <https://ctan.org/pkg/gloss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
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MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
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URL: <https://ctan.org/pkg/braket>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braket>
- *The cancel package. Place lines through maths formulae.* 2016-06-24. Version 2.2. LICENSE: pd  
URL: <https://ctan.org/pkg/cancel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>
- *The cases package. Numbered cases environment.* 2020-04-03. Version 3.2. LICENSE: other-free  
URL: <https://ctan.org/pkg/cases>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cases>
- *The chapterbib package. Multiple bibliographies in a document.* 2016-06-24. Version 1.17. LICENSE: other-free  
URL: <https://ctan.org/pkg/chapterbib>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
- *The cite package. Improved citation handling in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 5.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/cite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
- *The cite-bundle package. Citation management bundle.* 2016-06-24. LICENSE: other-free. A collection of packages related to managing citations:  
URL: <https://ctan.org/pkg/cite-bundle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
- *The dotseqn package. Flush left equations with dotted leaders to the numbers.* 2016-06-24. Version 1.1. LICENSE: other-free  
URL: <https://ctan.org/pkg/dotseqn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotseqn>
- *The drftcite package. Print the bibliography in "draft" mode.* 2018-01-06. Version 3.91. LICENSE: other-free  
URL: <https://ctan.org/pkg/drftcite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite/drftcite.sty>
- *The framed package. Framed or shaded regions that can break across pages.* 2016-06-24. Version 0.96. LICENSE: other-free  
URL: <https://ctan.org/pkg/framed>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/framed>
- *The fwlw package. Get first and last words of a page.* 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/fwlw>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fwlw>
- *The import package. Establish input relative to a directory.* 2020-04-03. Version 6.2. LICENSE: pd  
URL: <https://ctan.org/pkg/import>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/import>
- *The longdiv package. Long division arithmetic problems.* 2020-04-11. Version 1. LICENSE: pd. Work out and print integer long division problems. Use: . The numerator and denominator (divisor and dividend) must be integers, and the quotient is an integer too. leaves the remainder from the division at the bottom of its diagram of the problem.  
URL: <https://ctan.org/pkg/longdiv>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/longdiv.tex>

- Arseneau, Donald. *The magaz package. Magazine layout.* 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://ctan.org/pkg/magaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magaz>
- *The nolbreaks package. No line breaks in text.* 2016-06-24. Version 1.2. LICENSE: pd. Use to prevent line breaks in “some text”. This has the advantage over that glue (rubber space) remains flexible. Most common cases are handled here ( is disabled, for example) but spaces hidden in macros or can still create break-points.  
 URL: <https://ctan.org/pkg/nolbreaks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nolbreaks>
  - *The notoccite package. Prevent trouble from citations in table of contents, etc.* 2016-06-24. LICENSE: pd. If you have commands in -like commands, or in , the citation will also appear in the table of contents, or list of whatever. If you are also using an unsrt-like bibliography style, these citations will come at the very start of the bibliography, which is confusing. This package suppresses the effect.  
 URL: <https://ctan.org/pkg/notoccite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notoccite>
  - *The nth package. Generate English ordinal numbers.* 2020-04-11. LICENSE: pd. The command generates English ordinal numbers of the form 1st, 2nd, 3rd, 4th, etc. L<sup>A</sup>T<sub>E</sub>X package options may specify that the ordinal mark be superscripted, and that negative numbers may be treated; Plain T<sub>E</sub>X users have no access to package options, so need to redefine macros for these changes.  
 URL: <https://ctan.org/pkg/nth>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/nth.sty>
  - *The optional package. Facilitate optional printing of parts of a document.* 2016-06-24. Version 2.2b. LICENSE: l<sup>p</sup>l  
 URL: <https://ctan.org/pkg/optional>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/optional>
  - *The oubraces package. Braces over and under a formula.* 2016-06-24. LICENSE: other-free. Provides a means to interleave and in the same formula.  
 URL: <https://ctan.org/pkg/oubraces>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oubraces>
  - *The overcite package. Compressed lists of superscript numerical citations.* 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
 URL: <https://ctan.org/pkg/overcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The placeins package. Control float placement.* 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
 URL: <https://ctan.org/pkg/placeins>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>
  - *The placeins-plain package. Insertions that keep their place.* 2016-06-24. Version 2.0. LICENSE: pd. This T<sub>E</sub>X file provides various mechanisms (for plain T<sub>E</sub>X and close relatives) to let insertions (footnotes, topins, pageins, etc.) float within their appropriate section, but to prevent them from intruding into the following section, even when sections do not normally begin a new page. (If your sections normally begin a new page, just use to flush out insertions.)  
 URL: <https://ctan.org/pkg/placeins-plain>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/placeins.tex>
  - *The random package. Generating “random” numbers in T<sub>E</sub>X.* 2020-04-15. Version 0.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/random>  
 MIRROR: <https://mirror.ctan.org/macros/generic/random>
  - *The removefr package. Remove from counter-reset lists.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/removefr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/removefr.tex>
  - *The sansmath package. Maths in a sans font.* 2016-06-24. Version 1.1. LICENSE: pd. The package defines a new math version , and a command that behaves somewhat like  
 URL: <https://ctan.org/pkg/sansmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sansmath>
  - *The selectp package. Select pages to be output.* 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/selectp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selectp>
  - *The shapepar package. A macro to typeset paragraphs in specific shapes.* 2018-01-06. Version 2.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/shapepar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shapepar>



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 URL: <https://ctan.org/pkg/tabs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabs>
- *The tabto-generic package. "Tab" to a measured position in the line*. 2016-06-24. LICENSE: pd. moves the typesetting position to from the left margin of the paragraph. If the typesetting position is already further along, starts a new line.  
 URL: <https://ctan.org/pkg/tabto-generic>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/tabto.tex>
  - *The tabto-ltx package. "Tab" to a measured position in the line*. 2019-03-05. Version 1.4. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/tabto-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabto>
  - *The threeparttable package. Tables with captions and notes all the same width*. 2016-06-24. LICENSE: other-free. Provides a scheme for tables that have a structured note section, after the caption. This scheme provides an answer to the old problem of putting footnotes in tables — by making footnotes entirely unnecessary. Note that a is not a float of itself; but you can place it in a or a environment, if necessary.  
 URL: <https://ctan.org/pkg/threeparttable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threeparttable>
  - *The titleref package. A "titleref" command to cross-reference section titles*. 2016-06-24. Version 3.1. LICENSE: pd. Defines a command that allows you to cross-reference section (and chapter, etc) titles and captions just like and . The package does not interwork with ; if you need hypertext capabilities, use instead.  
 URL: <https://ctan.org/pkg/titleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titleref>
  - *The truncate package. Truncate text to a specified width*. 2016-06-24. Version 3.6. LICENSE: pd  
 URL: <https://ctan.org/pkg/truncate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/truncate>
  - *The ulem package. Package for underlining*. 2020-01-10. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ulem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ulem>
  - *The underscore package. Control the behaviour of "\_" in text*. 2018-01-06. LICENSE: lpl  
 URL: <https://ctan.org/pkg/underscore>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underscore>
  - *The url package. Verbatim with URL-sensitive line breaks*. 2016-06-24. Version 3.4. LICENSE: lpl. The command is a form of verbatim command that allows linebreaks at certain characters or combinations of characters, accepts reconfiguration, and can usually be used in the argument to another command. (The command provides robust commands that serve in cases when doesn't work in an argument.) The command is intended for email addresses, hypertext links, directories/paths, etc., which normally have no spaces, so by default the package ignores spaces in its argument. However, a package option "allows spaces", which is useful for operating systems where spaces are a common part of file names.  
 URL: <https://ctan.org/pkg/url>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/url>
  - *The varindent package. Make paragraph indentation match the length of the line above*. 2016-06-24. LICENSE: noinfo. The package will cause paragraphs to indent to the same position as the end of the last line of the previous paragraph, unless the resulting position would take you to within of the end of the line.  
 URL: <https://ctan.org/pkg/varindent>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/varindent.tex>
  - *The varwidth package. A variable-width minipage*. 2018-01-06. Version 0.92. LICENSE: lpl  
 URL: <https://ctan.org/pkg/varwidth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/varwidth>
  - *The wrapfig package. Produces figures which text can flow around*. 2021-12-30. Version 3.6. LICENSE: lpl  
 URL: <https://ctan.org/pkg/wrapfig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig>
- Arseneau, Donald and Johannes L. Braams. *The subeqn package. Package for subequation numbering*. 2016-06-24. Version 2.0b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/subeqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subeqn>
- Artime, Carlos Enrique Carleos, Luis Rivera, and Daniel Vela. *The lshort-spanish package. Short introduction to L<sup>A</sup>T<sub>E</sub>X, Spanish translation*. 2016-06-24. Version 0.5. LICENSE: other-free. A Spanish translation of the , version 20.

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MIRROR: <https://mirror.ctan.org/info/lshort/spanish>
- Asakura, Takuto. *The BXghost package. Ghost insertion for proper xkanjiskip*. 2022-05-21. Version 0.5.0. LICENSE: mit  
URL: <https://ctan.org/pkg/bxghost>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxghost>
- *The BXjaholiday package. Support for Japanese holidays*. 2021-09-28. Version 1.1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjaholiday>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaholiday>
  - *The gotoh package. An implementation of the Gotoh sequence alignment algorithm*. 2017-07-07. Version 1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/gotoh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gotoh>
  - *The Light L<sup>A</sup>T<sub>E</sub>X Make package. lmk: A build tool for L<sup>A</sup>T<sub>E</sub>X documents*. 2021-09-19. Version 1.1.0. LICENSE: mit  
URL: <https://ctan.org/pkg/light-latex-make>  
MIRROR: <https://mirror.ctan.org/support/light-latex-make>
  - *The platexcheat package. A L<sup>A</sup>T<sub>E</sub>X cheat sheet, in Japanese*. 2019-01-04. Version 3.1. LICENSE: mit  
URL: <https://ctan.org/pkg/platexcheat>  
MIRROR: <https://mirror.ctan.org/info/latexcheat/platexcheat>
  - *The WTRef package. Extend L<sup>A</sup>T<sub>E</sub>X's cross-reference system*. 2020-06-15. Version 0.4.0. LICENSE: mit. Prerequisite packages: and .  
URL: <https://ctan.org/pkg/wtref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wtref>
- Asakura, Takuto, Thomas Esser, Manuel Pégourié-Gonnard, and The T<sub>E</sub>X Live Team. *The texdoc package. Documentation access for T<sub>E</sub>X Live*. 2022-03-19. Version 3.4.1. LICENSE: gpl. is a Lua script providing easy access to the documentation in T<sub>E</sub>X Live: PDF, DVI, plain text files, and more. Viewing and other configuration can be extensively customized. It is distributed with ; provides a program by the same name to do the same job, but its implementation is unrelated.  
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MIRROR: <https://mirror.ctan.org/support/texdoc>
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URL: <https://ctan.org/pkg/indxcite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/indxcite>
- *The saferef package. Safer references through strong typing of references*. 2016-06-24. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/saferef>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/saferef>
- Association GUTenberg. *The letgut package. Class for the newsletter “La Lettre GUTenberg” of the French T<sub>E</sub>X User Group GUTenberg*. 2022-10-03. Version 0.9.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/letgut>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/letgut>
- Atkinson, Kevin. *The aspell package. Spell checker*. 2019-10-31. Version 0.60.8. LICENSE: gpl2  
URL: <https://ctan.org/pkg/aspell>  
MIRROR: <https://mirror.ctan.org/support/aspell>
- *The ispell package. Multi-platform spell checker*. 2020-09-09. Version 3.3.02. LICENSE: other-free  
URL: <https://ctan.org/pkg/ispell>  
MIRROR: <https://mirror.ctan.org/support/ispell>
- Atkinson, Matthew Tylee and Iain Phillips. *The gcite package. Citations in a reader-friendly style*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gcite>  
MIRROR: <https://mirror.ctan.org/macros/latex/exptl/gcite>
- Atria, Matias. *The mdvi package. A DVI previewer*. 2017-04-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/mdvi>  
MIRROR: <https://mirror.ctan.org/dviware/mdvi>
- Aubord, Alain. *The codepage package. Support for variant code pages*. 2016-06-24. LICENSE: other-free. The package provides a mechanism for inputting non-ASCII text. Nowadays, the job is mostly done by the package in the L<sup>A</sup>T<sub>E</sub>X distribution.  
URL: <https://ctan.org/pkg/codepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codepage>

- Aubord, Alain. *The MathTrip package. A trip to the wonderful world of mathematics*. 2022-10-02. Version 2.8. LICENSE: nocommercial,lppl,bsd  
 URL: <https://ctan.org/pkg/mathtrip>  
 MIRROR: <https://mirror.ctan.org/info/mathtrip>
- Aurbach, R L, Fred Hantelmann, and Stefano Ianigro. *The glotex package. A glossary processor*. 2016-06-24. Version 2.1. LICENSE: nosell  
 URL: <https://ctan.org/pkg/glotex>  
 MIRROR: <https://mirror.ctan.org/indexing/glo+idxtex>
- *The idxtex package. An index processor*. 2016-06-24. Version 3.1. LICENSE: nosell  
 URL: <https://ctan.org/pkg/idxtex>  
 MIRROR: <https://mirror.ctan.org/indexing/glo+idxtex>
- Avdeev, Nikolai. *The biblatex-ajc2020unofficial package. BibLaTeX style for the Australasian Journal of Combinatorics*. 2020-04-11. Version 0.2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/biblatex-ajc2020unofficial>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-ajc2020unofficial>
- *The biblatex2bibitem package. Convert BibLaTeX-generated bibliography to bibitems*. 2022-01-18. Version 0.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/biblatex2bibitem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex2bibitem>
- *The shortmathj package. Automatically shortify titles of mathematical journals*. 2020-04-11. Version 0.5.0. LICENSE: lppl1.3c. This small dummy package just contains a simple list of full and short journal names aswritten in AMS standard:  
 URL: <https://ctan.org/pkg/shortmathj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shortmathj>
- Aycock, Ryan. *The scientificpaper package. Format a scientific paper for journal publication*. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/scientificpaper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scientificpaper>
- Aycock, Ryan and Steven Wheelwright. *The mla-paper package. Proper MLA formatting*. 2019-05-04. LICENSE: lppl. The package formats articles using the style (“MLA” = “Modern Language Association”). The aim is that students and other academics in the humanities should be able to typeset their materials, properly, with minimal effort on their part.  
 URL: <https://ctan.org/pkg/mla-paper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mla-paper>
- Babushkin, Andrey. *The guitartabs package. A class for drawing guitar tablatures easily*. 2018-06-30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/guitartabs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/guitartabs>
- Bachmaier, Gerhard A. *The ebezier package. Device independent picture environment enhancement*. 2016-06-24. Version 4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ebezier>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ebezier>
- *The oesch package. Font to provide the Österreichische Schulschrift*. 2017-05-30. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/oesch>  
 MIRROR: <https://mirror.ctan.org/fonts/oesch>
- Bačić, Deni. *The glossaries-slovene package. Slovene language module for glossaries package*. 2019-05-26. Version 1.0. LICENSE: lppl1.3. Slovene language module for package.  
 URL: <https://ctan.org/pkg/glossaries-slovene>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-slovene>
- Baecker, Philipp N. *The ebsthesis package. Typesetting theses for economics*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ebsthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ebsthesis>
- Baghban, Mojtaba. *The autofancyhdr package. Automatically compute headlength for fancyhdr package*. 2020-04-11. Version 0.1. LICENSE: lppl1.3c. The package automatically computes headlength for the package  
 URL: <https://ctan.org/pkg/autofancyhdr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/autofancyhdr>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/mkbib>
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URL: <https://ctan.org/pkg/postnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
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URL: <https://ctan.org/pkg/zref-check>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-check>
  - *The zref-clever package. Clever L<sup>A</sup>T<sub>E</sub>X cross-references based on zref.* 2022-05-28. Version 0.3.1. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.  
URL: <https://ctan.org/pkg/zref-clever>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>
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URL: <https://ctan.org/pkg/zref-vario>  
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MIRROR: <https://mirror.ctan.org/support/pbm2tex>
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URL: <https://ctan.org/pkg/circle>  
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 URL: <https://ctan.org/pkg/knitting>  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/unixman>
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 URL: <https://ctan.org/pkg/bbfig>  
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URL: <https://ctan.org/pkg/mnhyphn>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/mnhyphn.tex>
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URL: <https://ctan.org/pkg/appends-latex>  
MIRROR: <https://mirror.ctan.org/info/appends-latex>
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URL: <https://ctan.org/pkg/lwasseq>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lwasseq>
- *The sseq package. Typesetting spectral sequence charts*. 2016-06-24. Version 2.01. LICENSE: lppl. The package provides commands to draw spectral sequence diagrams, providing facilities for clipping and arranging multiple symbols so that they do not overlap. The package is built using `\tikz`, and shares that systems large demands for T<sub>E</sub>X system memory. Its geometric commands are based on a turtle graphics model, and control structures such as loops and conditionals are available.  
URL: <https://ctan.org/pkg/sseq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sseq>
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URL: <https://ctan.org/pkg/isotope>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isotope>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibarts>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/germkorr>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ESIEECv>
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URL: <https://ctan.org/pkg/french-translations>  
MIRROR: <https://mirror.ctan.org/info/french-translations>
- *The stack package. Tools to define and use stacks*. 2016-06-24. Version 1.00. LICENSE: lppl. The package provides a small set of commands to implement stacks independently of T<sub>E</sub>X's own stack. As an example of how the stacks might be used, the documentation offers a small "relinput" package that implements the backbone of the package.  
URL: <https://ctan.org/pkg/stack>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stack>
- *The undertilde package. Typeset a tilde under one (or many) maths symbols*. 2016-06-24. Version 1.0. LICENSE: noinfo. The implementation is probably less than totally robust, though undoubtedly better than that in the macros also available on CTAN.

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 URL: <https://ctan.org/pkg/crumbs>  
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  - *The debate package. Debates between reviewers*. 2022-10-29. Version 0.2.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/debate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/debate>
  - *The docshots package. TeX samples next to their PDF Snapshots*. 2022-11-29. Version 0.4.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you show T<sub>E</sub>X code next to the corresponding PDF snapshots, in two-column formatting. You can use it either in documentation or in files.  
 URL: <https://ctan.org/pkg/docshots>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docshots>
  - *The eolang package. Formulas and graphs for the EO programming language*. 2022-11-30. Version 0.8.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you write  $\lambda$ -calculus formulas and graphs for the programming language.  
 URL: <https://ctan.org/pkg/eolang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eolang>
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 URL: <https://ctan.org/pkg/ffcode>  
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  - *The href-ul package. Underscored L<sup>A</sup>T<sub>E</sub>X hyperlinks*. 2022-10-31. Version 0.3.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package makes hyperlinks underscored, just like on the web. The package uses and .  
 URL: <https://ctan.org/pkg/href-ul>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/href-ul>
  - *The huawei package. Template for Huawei documents*. 2022-10-29. Version 0.14.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/huawei>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/huawei>
  - *The iexec package. Execute shell commands and input their output*. 2022-11-01. Version 0.11.4. LICENSE: mit. With the help of the command, you can execute a shell command and then input its output into your document. This package also lets you use any

- special symbols inside your command.  
 URL: <https://ctan.org/pkg/iexec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iexec>
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 URL: <https://ctan.org/pkg/kdpcover>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kdpcover>
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 URL: <https://ctan.org/pkg/ppt-slides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ppt-slides>
  - *The to-be-determined package. Highlight text passages that need further work*. 2022-10-31. Version 0.3.0. LICENSE: mit. This package provides a single command which highlights the pieces of text that need to be rewritten later. You can hide them all with a single package option , or just make them disappear entirely with the option .  
 URL: <https://ctan.org/pkg/to-be-determined>  
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 URL: <https://ctan.org/pkg/hagenberg-thesis>  
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 MIRROR: <https://mirror.ctan.org/obsolete/biblio/crosstex>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/arbeit>
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 URL: <https://ctan.org/pkg/bnumexpr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bnumexpr>
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 URL: <https://ctan.org/pkg/centeredline>  
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 URL: <https://ctan.org/pkg/colorframed>  
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 URL: <https://ctan.org/pkg/footnotehyper>  
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  - *The lgrmath package. Use LGR-encoded fonts in math mode*. 2022-11-26. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lgrmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lgrmath>
  - *The libgreek package. Greek letters in math mode from Libertinus or Linux Libertine/Biolinum*. 2022-11-14. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/libgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/libgreek>
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 URL: <https://ctan.org/pkg/mathastext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathastext>
  - *The polexpr package. A parser for polynomial expressions*. 2022-05-19. Version 0.8.7a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/polexpr>  
 MIRROR: <https://mirror.ctan.org/macros/generic/polexpr>
  - *The poormanlog package. Logarithms and powers with (almost) 9 digits*. 2022-05-25. Version 0.07. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/poormanlog>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poormanlog>
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 URL: <https://ctan.org/pkg/pxgrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pxgrees>
  - *The tableof package. Tagging tables of contents*. 2021-07-05. Version 1.4c. LICENSE: lppl1.3. The package provides the commands to flag chapters or sections (or anything else destined to become a TOC line). The command specifies which tags are to be required and which ones are to be excluded by the next (or equivalent) command. In a document that uses a class where may only be used once, the command may be used to provide several tables.  
 URL: <https://ctan.org/pkg/tableof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tableof>
  - *The texdimens package. Conversion of T<sub>E</sub>X dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to T<sub>E</sub>X dimensional units, usable both with Plain () and with L<sup>A</sup>T<sub>E</sub>X ().  
 URL: <https://ctan.org/pkg/texdimens>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texdimens>
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 URL: <https://ctan.org/pkg/txgrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/txgrees>
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 URL: <https://ctan.org/pkg/xint>  
 MIRROR: <https://mirror.ctan.org/macros/generic/xint>
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URL: <https://ctan.org/pkg/m-pictex>
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URL: <https://ctan.org/pkg/brandeis-thesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-thesis>
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URL: <https://ctan.org/pkg/edmargin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edmargin>
  - *The endheads package. Running headers of the form "Notes to pp.xx-yy"*. 2017-04-08. Version 1.6. LICENSE: lppl. Endheads provides running headers of the form "Notes to pp. xx-yy" for endnotes sections. It also enables one to reset the endnotes counter, and put a line marking the chapter change in the endnotes, at the beginning of every chapter. Endheads requires the , , and packages.  
URL: <https://ctan.org/pkg/endheads>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endheads>
  - *The poemscol package. Typesetting Critical Editions of Poetry*. 2020-08-09. Version 3.1415926. LICENSE: lppl1.3c. The package offers L<sup>A</sup>T<sub>E</sub>X macros for typesetting critical editions of poetry. Its features include automatic linenumbers, generation of separate endnotes sections for emendations, textual collations, and explanatory notes, special marking for cases in which page breaks occur during stanza breaks, running headers of the form 'Notes to pp. –' for the notes sections, index of titles and first lines, and automatic generation of a table of contents.  
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URL: <https://ctan.org/pkg/dinbrief-gui>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biochemistry-colors>
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URL: <https://ctan.org/pkg/latex-course>  
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URL: <https://ctan.org/pkg/draftwatermark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftwatermark>
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URL: <https://ctan.org/pkg/everypage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everypage>
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URL: <https://ctan.org/pkg/flippdf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flippdf>
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URL: <https://ctan.org/pkg/rotpages>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
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URL: <https://ctan.org/pkg/prepr>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
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 URL: <https://ctan.org/pkg/adigraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectures>
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 URL: <https://ctan.org/pkg/iopart-num>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>
- *The svgcolor package. Define SVG named colours*. 2018-09-15. Version 1.0. LICENSE: lppl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>
- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle's small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle's more substantial packages stand on their own, or as part of the L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
  - *The colortbl package. Add colour to L<sup>A</sup>T<sub>E</sub>X tables*. 2022-07-31. Version 1.0f. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/comma>
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 URL: <https://ctan.org/pkg/dotlessj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/dotlessj.sty>
  - *The elocalloc package. Local allocation macros for L<sup>A</sup>T<sub>E</sub>X 2015*. 2016-12-15. Version 0.03. LICENSE: lppl. Local allocation macros, with names taken from but with implementation based on the L<sup>A</sup>T<sub>E</sub>X 2015 allocation macros.  
 URL: <https://ctan.org/pkg/elocalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elocalloc>

- Carlisle, David. *The fix2col package. Fix miscellaneous two column mode features.* 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fix2col>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fix2col>
- *The fragments package. Fragments of L<sup>A</sup>T<sub>E</sub>X code.* 2018-09-13. LICENSE: collection  
 URL: <https://ctan.org/pkg/fragments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>
  - *The graphics-pln package. LaTeX-style graphics for Plain T<sub>E</sub>X users.* 2022-12-02. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation.* 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file.* 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hline package. Better horizontal lines in tabulars and arrays.* 2021-06-01. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The ltxtable package. Longtable and tabularx merge.* 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>
  - *The makerobust209 package. Make an existing L<sup>A</sup>T<sub>E</sub>X command robust.* 2016-06-24. Version 1.01. LICENSE: noinfo. The package provides a command that converts the definition of a command to a robust one.  
 URL: <https://ctan.org/pkg/makerobust209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>
  - *The mylatex package. Make a format containing a document's preamble.* 2020-10-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mylatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mylatex>
  - *The nopageno package. No page numbers in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X's standard styles use two page styles, one on normal pages and one on 'opening' pages with or , etc. Unfortunately there is only easy access to changing one of these two so if you want something other than 'plain' on the opening pages you must use on each such page. The package does provide a more flexible interface, but if you just want an empty page style on all pages then this package will do the job.  
 URL: <https://ctan.org/pkg/nopageno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nopageno>
  - *The plain-ltx package. Make plain T<sub>E</sub>X files L<sup>A</sup>T<sub>E</sub>Xable.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/plain-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/plain.sty>
  - *The pslatex package. Use PostScript fonts by default.* 2021-01-15. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pslatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pslatex>
  - *The pspicture package. PostScript picture support.* 2016-06-24. LICENSE: lppl. A replacement for L<sup>A</sup>T<sub>E</sub>X's picture macros, that uses PostScript commands. The package is now largely superseded by .  
 URL: <https://ctan.org/pkg/pspicture>  
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 URL: <https://ctan.org/pkg/remreset>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/remreset.sty>
  - *The scalefnt package. Rescale fonts to arbitrary sizes.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scalefnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefnt.sty>
  - *The showkeys package. Show label, ref, cite and bib keys.* 2022-06-08. Version 3.18. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/showkeys>  
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 URL: <https://ctan.org/pkg/slashed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>
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 URL: <https://ctan.org/pkg/tabulary>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabulary>
  - *The textcase package. Case conversion ignoring mathematics, etc.* 2022-07-10. Version 1.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/textcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textcase>
  - *The type1cm package. Arbitrary size font selection in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/type1cm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/type1cm>
  - *The typehtml package. Typeset HTML directly from L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/typehtml>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typehtml>
  - *The typewriter package. Typeset with a randomly variable monospace font*. 2021-08-26. Version 1.1. LICENSE: lppl. The package uses the `tt`, together with a LuaTeX virtual font setup that introduces random variability in grey level and angle of each character. It was originally an `tt`.  
 URL: <https://ctan.org/pkg/typewriter>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/typewriter>
  - *The ucharcat package. Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX*. 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the `\Ucharcat` command for LuaLaTeX. is a new primitive in XeTeX, an extension of the existing command, that allows the specification of the catcode as well as character code of the character token being constructed.  
 URL: <https://ctan.org/pkg/ucharcat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>
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 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii>
  - *The xii-lat package. Christmas silliness (Latin)*. 2017-11-20. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xii-lat>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii-lat>
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 MIRROR: <https://mirror.ctan.org/macros/xmltex/base>
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 URL: <https://ctan.org/pkg/maths-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/math>
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MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David, David Kastrup, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The longtable package. Allow tables to flow over page boundaries.* 2021-11-12. Version 4.17. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/longtable>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
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MIRROR: <https://mirror.ctan.org/fonts/psfonts/ly1>
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URL: <https://ctan.org/pkg/afterpage>  
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URL: <https://ctan.org/pkg/color>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The dcolumn package. Align on the decimal point of numbers in tabular columns.* 2021-06-01. Version 1.06. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dcolumn>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The delarray package. Delimiters for arrays.* 2021-01-03. Version 1.01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/delarray>  
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  - *The enumerate package. Enumerate with redefinable labels.* 2021-06-01. Version 3.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/enumerate>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
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URL: <https://ctan.org/pkg/graphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The graphicx package. Enhanced support for graphics.* 2021-11-12. Version 1.2d. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/graphicx>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The indentfirst package. Indent first paragraph after section header.* 2021-06-01. Version 1.03. LICENSE: lppl1.3c. This minimalist package is part of the bundle in the L<sup>A</sup>T<sub>E</sub>X distribution.  
URL: <https://ctan.org/pkg/indentfirst>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The keyval package. Process ‘key=value’ schemes.* 2022-06-08. Version 1.15. LICENSE: lppl1.3c  
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URL: <https://ctan.org/pkg/lscape>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
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MIRROR: <https://mirror.ctan.org/macros/latex/base>

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 URL: <https://ctan.org/pkg/luatex-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
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 URL: <https://ctan.org/pkg/tabularx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The trig package. Simple trigonometric functions*. 2021-11-12. Version 1.11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/trig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
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 URL: <https://ctan.org/pkg/luatex85>  
 MIRROR: <https://mirror.ctan.org/macros/generic/luatex85>
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 URL: <https://ctan.org/pkg/icons>  
 MIRROR: <https://mirror.ctan.org/support/icons>
- Casares, Ramón. *The METATeX package. Incorporate Metafont pictures in T<sub>E</sub>X source*. 2018-01-06. Version 1.1. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/metatex>
- Cashner, Andrew A. *The musicography package. Accessing symbols for music writing with pdfLaTeX*. 2020-01-29. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/musicography>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musicography>
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 URL: <https://ctan.org/pkg/octave>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/octave>
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 URL: <https://ctan.org/pkg/colordoc>  
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 URL: <https://ctan.org/pkg/opcit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opcit>
  - *The TeXmate package. Comprehensive chess annotation in L<sup>A</sup>T<sub>E</sub>X*. 2018-01-06. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texmate>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/todo>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pitttd>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/practicalreports>
- *The simpleoptics package. Drawing lenses and mirrors for optical diagrams*. 2022-04-06. Version 1.1.1. LICENSE: lpl1.3c  
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  - *The isodoc package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting letters and invoices*. 2021-06-25. Version 1.14. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/isodoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
  - *The ltxfileinfo package. Print version information for a L<sup>A</sup>T<sub>E</sub>X file*. 2016-06-24. Version 2.04. LICENSE: gpl. displays version information for L<sup>A</sup>T<sub>E</sub>X files. If no path information is given, the file is searched using . As an extra, for developers, the script will (use the or options) check the validity of the statements in the files. The script uses code from Uwe Lück's .  
 URL: <https://ctan.org/pkg/ltxfileinfo>  
 MIRROR: <https://mirror.ctan.org/support/ltxfileinfo>
  - *The lug package. Create and edit T<sub>E</sub>X Local User Group web pages*. 2022-03-28. Version 3.00. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lug>  
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  - *The match\_parens package. Find mismatches of parentheses, braces, (angle) brackets, in texts*. 2018-01-06. Version 1.43. LICENSE: gpl  
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  - *The mk package. A T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X maker*. 2018-04-12. Version 3.07. LICENSE: gpl. mk is a Bash script that, in close collaboration with (short for View and Print PDF/PostScript), is helpful in the cyclic process of editing, compiling, viewing, and printing a L<sup>A</sup>T<sub>E</sub>X, X<sub>L</sub><sup>A</sup>T<sub>E</sub>X, or plain T<sub>E</sub>X document. Essentially, mk uses for compilation, for viewing and printing.  
 URL: <https://ctan.org/pkg/mk>  
 MIRROR: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)
  - *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.  
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 MIRROR: <https://mirror.ctan.org/support/mkipic>
  - *The proofread package. Commands for inserting annotations*. 2021-08-26. Version 1.04. LICENSE: lppl1.3c  
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  - *The prv package. Compile, preview, and print L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.7. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prv>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/prv>
  - *The texlog-extract package. Extract errors and warnings from T<sub>E</sub>X logs*. 2019-02-05. Version 3.04. LICENSE: gpl  
 URL: <https://ctan.org/pkg/texlog-extract>  
 MIRROR: [https://mirror.ctan.org/support/texlog\\_extract](https://mirror.ctan.org/support/texlog_extract)
  - *The vpp package. View and (selectively) Print PDF and PostScript*. 2018-04-04. Version 3.07. LICENSE: gpl. is a Bash script that displays a PDF or PostScript document (after conversion to PDF). The user can use the viewer to print the document or, alternatively, leave the viewer and use 's facilities to print selected pages to a one- or two-sided hardcopy or an A5-booklet: see the section /Page selection and other commands/ for the details. Instead of printing your selections, you can also save them into PDF files.  
 URL: <https://ctan.org/pkg/vpp>  
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 URL: <https://ctan.org/pkg/pgf-soroban>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-soroban>
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- Dood, Michiel de. *The lion-msc package. L<sup>A</sup>T<sub>E</sub>X class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)*. 2020-06-04. Version 0.30. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lion-msc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lion-msc>
- Dooren, Gerry van. *The losymbol package. Defines a mechanism for producing a list of symbols*. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/losymbol>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/losymbol.sty>
- Dorj, Dorjpalam and Oliver Corff. *The lshort-mongolian package. Short introduction to L<sup>A</sup>T<sub>E</sub>X 2.09, Mongolian translation*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/lshort-mongolian>  
 MIRROR: <https://mirror.ctan.org/info/lshort/mongolian/lshort-mongolian>
- Dorner, Fernando, Andreas Granzer, and Daniel Taupin. *The ltx2rtf package. A conversion program from L<sup>A</sup>T<sub>E</sub>X to Rich Text Format*. 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ltx2rtf>  
 MIRROR: <https://mirror.ctan.org/support/ltx2rtf>
- Dörntge, Rainer. *The magic package. A font to go with the Magic(TM) game*. 2016-06-24. LICENSE: other-free. A small set of symbols appropriate to the game. The font is expressed in Metafont; unusually, the size-specific file is input by , rather than the other way around.  
 URL: <https://ctan.org/pkg/magic>  
 MIRROR: <https://mirror.ctan.org/fonts/magic>
- Doron, Eyal. *The bibdb package. BibTeX bibliography manager for MS-Windows and MS-DOS*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/bibdb>  
 MIRROR: <https://mirror.ctan.org/support/bibdb>
- Dossena, Riccardo. *The old-arrows package. Computer Modern old-style arrows with smaller arrowheads*. 2017-01-05. Version 2.0. LICENSE: lppl1.3. This package provides Computer Modern old-style arrows with smaller arrowheads, associated with the usual L<sup>A</sup>T<sub>E</sub>X commands. It can be used in documents that contain other arrow characters that also have small arrowheads. It is also possible to use the usual new-style Computer Modern arrows together with the old-style ones.  
 URL: <https://ctan.org/pkg/old-arrows>  
 MIRROR: <https://mirror.ctan.org/fonts/old-arrows>
- *The verifica package. Typeset (Italian high school) exercises*. 2020-10-10. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/verifica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verifica>
- Downes, Michael J. *The aro-bend package. Exercises in T<sub>E</sub>X, with answers*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aro-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/aro-bend>
- *The cmdtrack package. Check used commands*. 2016-06-24. LICENSE: lppl1. The package keeps track of whether a command defined in a document preamble is actually used somewhere in the document. After the package is loaded in the preamble of a document, all (and similar command definitions) between that point and the beginning of the document will be marked for logging. At the end of the document a report of command usage will be printed in the T<sub>E</sub>X log, for example:  
 URL: <https://ctan.org/pkg/cmdtrack>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdtrack>
- *The dialog1 package. Macros for constructing interactive L<sup>A</sup>T<sub>E</sub>X scripts*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dialog1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dialog1>
- Downes, Michael J. *The patchcmd package. Change the definition of an existing command*. 2016-06-24. Version 1.05. LICENSE: lppl. The package provides a command that can be used to add material at the beginning and/or the end of the replacement text of an existing macro. It works for macros with any number of normal arguments, including those that were defined with .  
 URL: <https://ctan.org/pkg/patchcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/patchcmd>

- *The showdim package. Variants on printing dimensions.* 2016-06-24. Version 1.2. LICENSE: lppl. A package for L<sup>A</sup>T<sub>E</sub>X providing a number of commands for printing the value of a T<sub>E</sub>X dimension. For example, yields the current value of rounded to the nearest tenth of a point.  
URL: <https://ctan.org/pkg/showdim>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showdim/showdim.sty>
- *The wordcount package. Estimate the number of words in a L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. Version 1.7. LICENSE: lppl. The package provides a relatively easy way of estimating the number of words in a L<sup>A</sup>T<sub>E</sub>X document that does not require or other DVI converters. It does however require something like Unix that can search a file for a particular string and report the number of matching lines. An accompanying shell script contains more information in its comments.  
URL: <https://ctan.org/pkg/wordcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wordcount>
- Downes, Michael J., Morten Høgholm, Lars Madsen, Will Robertson, and Joseph Wright. *The breqn package. Automatic line breaking of displayed equations.* 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/breqn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- *The mathstyle package. Manage mathematics typesetting style.* 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mathstyle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Downes, Michael J. and Peter R. Wilson. *The around-the-bend package. Typeset exercises in T<sub>E</sub>X, with answers.* 2016-06-24. LICENSE: lppl. This is a typeset version of the files of the , plus three extra questions (with their answers) that Michael Downes didn't manage to get onto CTAN.  
URL: <https://ctan.org/pkg/around-the-bend>  
MIRROR: <https://mirror.ctan.org/info/challenges/AroBend>
- Dragone, Mario. *The xlatex package. A T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X shell for X-windows.* 2016-06-24. Version 3.3c. LICENSE: other-free  
URL: <https://ctan.org/pkg/xlatex>  
MIRROR: <https://mirror.ctan.org/support/xlatex>
- Drakos, Nikos, Ross Moore, Daniel Gildea, Paulo Ney de Souza, and Roland Stigge. *The latex2html package. Convert L<sup>A</sup>T<sub>E</sub>X into HTML documents.* 2019-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/latex2html>
- Drechsler, Patrick. *The pst-pad package. Draw simple attachment systems with PSTricks.* 2018-09-15. Version 0.3b. LICENSE: lppl. The package collects a set of graphical elements based on that can be used to facilitate display of attachment systems such as two differently shaped surfaces with or without a fluid wedged in between. These macros ease the display of wet adhesion models and common friction systems such as boundary lubrication, elastohydrodynamic lubrication and hydrodynamic lubrication.  
URL: <https://ctan.org/pkg/pst-pad>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pad>
- Dreher, Simon. *The IMTEKda package. IMTEK thesis class.* 2016-06-24. Version 1.7. LICENSE: lppl  
URL: <https://ctan.org/pkg/imtekda>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imtekda>
- Dreuw, Philippe and Thomas Deselaers. *The beamerposter package. Extend beamer and a0poster for custom sized posters.* 2018-04-23. Version 1.13. LICENSE: lppl,gpl  
URL: <https://ctan.org/pkg/beamerposter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamerposter>
- Drews, Aaron. *The pfdicons package. Draw process flow diagrams in chemical engineering.* 2021-07-28. Version 1.0a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pfdicons>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pfdicons>
- Dreyer, Alexander. *The namespc package. Rudimentary C++-like namespaces in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/namespc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/namespc>
- Droms, Ralph. *The txt package. Output documents via terminals, line printers, etc.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/txt>  
MIRROR: <https://mirror.ctan.org/support/txt>
- Druchbert, Jean-Pierre. *The export package. Import and export values of L<sup>A</sup>T<sub>E</sub>X registers.* 2016-06-24. Version 1.8. LICENSE: lppl  
URL: <https://ctan.org/pkg/export>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/export>



- *The fepslatex package*. French version of “graphics in L<sup>A</sup>T<sub>E</sub>X”. 2016-06-24. LICENSE: gpl. This is the French translation of , and describes how to use imported graphics in L<sup>A</sup>T<sub>E</sub>X(2e) documents.  
URL: <https://ctan.org/pkg/fepslatex>  
MIRROR: <https://mirror.ctan.org/info/epslatex/french>
- *The minitoc package*. Produce a table of contents for each chapter, part or section. 2021-10-31. Version 62. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/minitoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minitoc>
- *The regcount package*. Display the allocation status of the T<sub>E</sub>X registers. 2016-06-24. Version 1.0. LICENSE: lppl. Adds a macro which displays the allocation status of the T<sub>E</sub>X registers. The display is written into the .log file as it is a bit verbose. An automatic call to is done at and .  
URL: <https://ctan.org/pkg/regcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regcount>
- *The shorttoc package*. Table of contents with different depths. 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/shorttoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shorttoc>
- *The tabbing package*. Tabbing with accented letters. 2021-06-28. LICENSE: lppl1. By default, some of the tabbing environment’s commands clash with default accent commands; L<sup>A</sup>T<sub>E</sub>X provides the odd commands , etc., to deal with the clash. The package offers a variant of the tabbing environment which does not create this difficulty, so that users need not learn two sets of accent commands.  
URL: <https://ctan.org/pkg/tabbing>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Tabbing>
- *The translation-array-fr package*. French translation of the documentation of array. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-array-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/array/fr>
- *The translation-booktabs-fr package*. French translation of the documentation of booktabs. 2016-06-24. LICENSE: lppl. A french translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-booktabs-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
- *The translation-dcolumn-fr package*. French translation of the documentation of dcolumn. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-dcolumn-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/dcolumn/fr>
- *The translation-tabbing-fr package*. French translation of the documentation of Tabbing. 2016-06-24. LICENSE: lppl1  
URL: <https://ctan.org/pkg/translation-tabbing-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/Tabbing/fr>
- Drucbert, Jean-Pierre and Patrick W. Daly. *The translation-natbib-fr package*. French translation of the documentation of natbib. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
URL: <https://ctan.org/pkg/translation-natbib-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/natbib/fr>
- Drucbert, Jean-Pierre and Mathieu Goutelle. *The booktabs-fr package*. French translation of booktabs documentation. 2016-06-24. Version 1.00. LICENSE: lppl  
URL: <https://ctan.org/pkg/booktabs-fr>  
MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
- Dryllerakis, K J. *The kdgreek package*. Greek fonts and macros. 2016-06-24. Version 3.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/kdgreek>  
MIRROR: <https://mirror.ctan.org/fonts/greek/kd>
- Duan, Charles. *The randtext package*. Randomise the order of characters in strings. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/randtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randtext>
- *The switcheml package*. Obfuscate email addresses (now obsolete). 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/switcheml>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switcheml>
- Dübendorfer, Marco. *The grafik package*. EPS graphics under Windows. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/grafik>  
MIRROR: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)

- Duchi, Claudio. *The datetime2-it-fulltext package. Italian full text styles for the datetime2 package.* 2016-06-24. Version 1.6. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/datetime2-it-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>
- Duchier, Denys. *The bigtabular package. Tabulars that can split at page boundaries.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bigtabular>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>
- *The secret package. Put security classification marks in a document.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/secret>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/secret.sty>
- Dudebout, Nicolas. *The matrix-skeleton package. A PGF/TikZ library that simplifies working with multiple matrix nodes.* 2022-11-14. Version 1.1. LICENSE: isc. The package provides a PGF/TikZ library that simplifies working with multiple matrix nodes. To do so, it correctly aligns groups of nodes with the content of the whole matrix. Furthermore, provides rows and columns for easy styling.  
 URL: <https://ctan.org/pkg/matrix-skeleton>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package. Utilities for manipulating DVI files.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dvibook>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook>
- *The PBMtoPK package. Conversion between PBM and PK formats.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pbmtopk>  
 MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
  - *The PicTeXsum package. A summary of PicTeX commands.* 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from <http://www.picTeX.net>), the document is a useful aide-memoire for those who have read the manual.  
 URL: <https://ctan.org/pkg/pictexsum>  
 MIRROR: <https://mirror.ctan.org/info/pictex/summary>
  - *The psmerge package. Concatenate PostScript files.* 2016-06-24. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psmerge>
  - *The psutils package. PostScript utilities.* 2021-08-26. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psutils>
  - *The vplutils package. Manipulate (virtual) property lists.* 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.  
 URL: <https://ctan.org/pkg/vplutils>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
- Dumont, Bastien. *The crossrefenum package. Smart typesetting of enumerated cross-references for various T<sub>E</sub>X formats.* 2022-11-16. Version 1.0. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/crossrefenum>  
 MIRROR: <https://mirror.ctan.org/macros/generic/crossrefenum>
- Dungs, Kevin. *The fontmfizz package. Font Mfizz icons for use in L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. LICENSE: mit  
 URL: <https://ctan.org/pkg/fontmfizz>  
 MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>
- Dunn, Brian. *The docsurvey package. A survey of L<sup>A</sup>T<sub>E</sub>X documentation.* 2021-12-30. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/docsurvey>  
 MIRROR: <https://mirror.ctan.org/info/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files.* 2022-09-12. Version 1.05. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/dtxdescribe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>
  - *The keyfloat package. Provides a key/value interface for generating floats.* 2022-01-10. Version 2.07. LICENSE: lpl1.3. The keyfloat package provides a key/value user interface for quickly creating figures with a single image each, figures with arbitrary contents, tables, subfloats, rows of floats, floats located [H]ere, floats in the [M]argin, and floats with text [W]rapped around them. Key/value combinations may specify a caption and label, a width proportional to \linewidth, a fixed width and/or height, rotation, scaling, a tight or loose frame, an \arraystretch, a continued float, additional supplemental text, and an artist/author's name with

automatic index entry. When used with the `tocdata` package, the name also appears in the List of Figures. Floats may be placed into a row environment, and are typeset to fit within the given number of columns, continuing to the next row if necessary. Nested sub-rows may be used to generate layouts such as two small figures placed vertically next to one larger figure. Subfloats are supported by two environments.

URL: <https://ctan.org/pkg/keyfloat>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyfloat>

- *The labelschanged package. Identify labels which cause endless “may have changed” warnings.* 2017-12-13. Version 1.0. LICENSE: pd

URL: <https://ctan.org/pkg/labelschanged>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>

- *The lwarp package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML.* 2022-11-22. Version 0.909. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/lwarp>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>

- *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection.* 2019-01-28. Version 1.00. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/metalogox>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metalogox>

- *The tocdata package. Adds names to chapters, sections, figures in the TOC and LOF.* 2020-07-16. Version 2.04. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/tocdata>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocdata>

Dupuis, Étienne. *The igo package. Fonts and macro to typeset Go diagrams.* 2016-06-24. Version 0.62. LICENSE: lppl1.3. This package is based on the package written in 1991 by Hanna Kołodziejska which provides typesetting facilities for Go games and positions. Although igo contains roughly the same commands as the original package and uses the fonts created by Kołodziejska, it has been improved in a number of ways. It uses command names less likely to conflict with standard AMS packages. It allows different board sizes to be used. It understands a standardized notation for board coordinates. And it provides a facility to work on more than one board. Moreover, a few commands were reworked to define positions or game sequences more conveniently.

URL: <https://ctan.org/pkg/igo>

MIRROR: <https://mirror.ctan.org/fonts/igo>

Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .

URL: <https://ctan.org/pkg/bondgraph>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>

Dupuis, Pierre. *The alertmessage package. Alert messages for L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. Version 1.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/alertmessage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>

Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case.* 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/papercdcase>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>

- *The swrule package. Lines thicker in the middle than at the ends.* 2020-04-11. LICENSE: other-free

URL: <https://ctan.org/pkg/swrule>

MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>

Eastin, Bryan, Steven Flammia, and Travis L. Scholten. *The qcircuit package. Macros to generate quantum circuits.* 2018-08-14. Version 2.6.0. LICENSE: gpl2. The package supports those within the quantum information community who typeset quantum circuits, using package, offering macros designed to help users generate circuits.

URL: <https://ctan.org/pkg/qcircuit>

MIRROR: <https://mirror.ctan.org/graphics/qcircuit>

Ebermann, Paul. *The dateiliste package. Extensions of the \listfiles concept.* 2016-06-24. Version 0.6. LICENSE: lppl. The package provides a file list (similar to that offered by ), neatly laid out as a table. The main document can be included in the list, and a command is available for providing RCS-maintained data for printing in the file list.

URL: <https://ctan.org/pkg/dateiliste>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>

- *The exp-testopt package. Expandable \@testopt (and related) macros.* 2016-06-24. Version 0.3. LICENSE: lppl. The package provides an expandable variant of the L<sup>A</sup>T<sub>E</sub>X kernel command , named , and a more general , both intended for package writers. Also we have a variant of which uses these macros to check for optional arguments.

URL: <https://ctan.org/pkg/exp-testopt>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>

- *The extpfeil package. Extensible arrows in mathematics.* 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides some more extensible arrows (usable in the same way as from amsmath), and a simple command to create new ones.

- URL: <https://ctan.org/pkg/extpfeil>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extpfeil>
- *The faktor package. Typeset quotient structures with L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 0.1b. LICENSE: lppl  
URL: <https://ctan.org/pkg/faktor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/faktor>
  - *The gmdoc-enhance package. Some enhancements to the gmdoc package.* 2016-06-24. Version 0.2. LICENSE: lppl. This package provides some enhancements for the package: nicer formatting for multiple line inline comments, an ability to “comment out” some code, and a macro to input other files in “normal” L<sup>A</sup>T<sub>E</sub>X mode.  
URL: <https://ctan.org/pkg/gmdoc-enhance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>
  - *The minipage-marginpar package. Minipages with marginal notes.* 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/minipage-marginpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
  - *The noitcrul package. Improved underlines in mathematics.* 2020-03-09. Version 0.2. LICENSE: lppl. The package provides a (maths mode) variant which doesn’t impose italics correction at the end.  
URL: <https://ctan.org/pkg/noitcrul>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noitcrul>
  - *The pauldoc package. German L<sup>A</sup>T<sub>E</sub>X package documentation.* 2016-06-24. Version 0.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/pauldoc>  
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 URL: <https://ctan.org/pkg/anonymouspro>  
 MIRROR: <https://mirror.ctan.org/fonts/anonymouspro>
- *The Chivo package. Using the free Chivo fonts with L<sup>A</sup>T<sub>E</sub>X*. 2022-11-16. Version 2.2. LICENSE: ofl,l<sup>p</sup>l1.3c. This work provides the necessary files to use the Chivo fonts with L<sup>A</sup>T<sub>E</sub>X. Chivo is a set of eight fonts provided by Héctor Gatti & Omnibus Team under the , version 1.1. The fonts are copyright (c) 2011-2019, Omnibus-Type.  
 URL: <https://ctan.org/pkg/chivo>  
 MIRROR: <https://mirror.ctan.org/fonts/chivo>
  - *The rosario package. Using the free Rosario fonts with L<sup>A</sup>T<sub>E</sub>X*. 2019-07-20. Version 2.1. LICENSE: l<sup>p</sup>l1.3c  
 URL: <https://ctan.org/pkg/rosario>  
 MIRROR: <https://mirror.ctan.org/fonts/rosario>
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 URL: <https://ctan.org/pkg/dvichk>  
 MIRROR: <https://mirror.ctan.org/dviware/dvichk>
- Espinoza, Mario Saenz. *The feupphdteses package. Typeset Engineering PhD theses at the University of Porto*. 2016-06-24. Version 4.0. LICENSE: l<sup>p</sup>l  
 URL: <https://ctan.org/pkg/feupphdteses>  
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- Eßer, Hans-Georg. *The LaTeXDB package. Integrates L<sup>A</sup>T<sub>E</sub>X and SQL databases*. 2021-04-21. Version 0.3. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/support/latexdb>
- Esser, Thomas. *The anysize package. A simple package to set up document margins*. 2016-06-24. LICENSE: pd. This package is considered obsolete; alternatives are the package from the bundle, or the package.  
 URL: <https://ctan.org/pkg/anysize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anysize>
- *The tetex package. Obsolete T<sub>E</sub>X distribution for Unix/Linux*. 2021-08-26. Version 3.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tetex>  
 MIRROR: <https://mirror.ctan.org/obsolete/systems/unix/teTeX>
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 URL: <https://ctan.org/pkg/lyx>
- Ewasiuk, Kale. *The autopuncitems package. Automatically punctuate lists*. 2022-04-16. LICENSE: mit. This package provides the option in the environments , , and to automatically punctuate the items. It uses lua pattern matching to modify the environment’s contents.

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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/autopuncitems>
- *The lutabulartools package. Some useful LuaLaTeX-based tabular tools.* 2021-09-11. LICENSE: mit. This package provides some useful commands for tabular matter. It uses LuaLaTeX and offers the ability to combine the facilities of and with an easy to use syntax. It also adds some enhanced rules for the package.  
URL: <https://ctan.org/pkg/lutabulartools>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lutabulartools>
  - *The penlight package. Penlight Lua libraries made available to LuaLaTeX users.* 2022-10-25. LICENSE: mit. This LuaLaTeX package provides a wrapper to use the Lua libraries with LuaLaTeX, with some extra functionality added.  
URL: <https://ctan.org/pkg/penlight>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/penlight>
  - *The YAMLvars package. A YAML parser and tool for easy LaTeX definition creation.* 2022-11-06. LICENSE: mit  
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/yamlvars>
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URL: <https://ctan.org/pkg/pmxchords>  
MIRROR: <https://mirror.ctan.org/support/pmxchords>
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MIRROR: <https://mirror.ctan.org/info/symbols/math>
- *The texfaq package. A compilation of Frequently Asked Questions with answers.* 2021-12-29. Version 3.28. LICENSE: pd. The FAQ that has in the past been published in the UK TeX Users Group journal Baskerville. This is the last version released on CTAN in 2014. The actual TeX FAQ can be found on . Some are also available.  
URL: <https://ctan.org/pkg/texfaq>
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URL: <https://ctan.org/pkg/tugboat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tugboat>
- Fairbairns, Robin and David Carlisle. *The bold-extra package. Use bold small caps and typewriter fonts.* 2018-09-14. Version 0.1. LICENSE: lppl. Allows access to ‘extra’ bold fonts for Computer Modern OT1 encoding (the fonts are available in ). Since there is more than one bold tt-family font set, the version required is selected by a package option.  
URL: <https://ctan.org/pkg/bold-extra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
- *The capt-of package. Captions on more than floats.* 2018-09-14. LICENSE: lppl  
URL: <https://ctan.org/pkg/capt-of>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/capt-of>
  - *The captdef package. Declare free-standing \caption commands.* 2018-09-15. LICENSE: lppl. The command defines a class of caption command associated with the counter specified to the command. These commands are free-standing (i.e., don’t need to be inside a float environment). The package uses to define and , which can be used outside figure or table environments.  
URL: <https://ctan.org/pkg/captdef>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/captdef>
- Fairbairns, Robin and David Carlisle. *The checklab package. A patch for the label-checking code.* 2018-09-13. LICENSE: pd  
URL: <https://ctan.org/pkg/checklab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/checklab.tex>
- *The fixfoot package. Multiple use of the same footnote text.* 2018-09-15. Version 0.3a. LICENSE: lppl. Provides a command to provide a single command for a frequently-used footnote. The package ensures that only one instance of the footnote text appears on each page (LaTeX needs to be run several times to achieve this).  
URL: <https://ctan.org/pkg/fixfoot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixfoot>
  - *The fncylab package. Alter the format of \label references.* 2019-09-13. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/fncylab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fncylab>



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URL: <https://ctan.org/pkg/oldstyle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oldstyle>
  - *The secdot package*. Section numbers with trailing dots. 2018-09-15. Version 1.0. LICENSE: lppl. Makes the numbers of commands come out with a trailing dot. Includes a command whereby the same can be made to happen with other sectioning commands.  
URL: <https://ctan.org/pkg/secdot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/secdot>
  - *The subscript package*. Provides the `\textsubscript` command. 2018-09-13. LICENSE: lppl  
URL: <https://ctan.org/pkg/subscript>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>
  - *The topcapt package*. Place captions above figures or tables. 2018-09-15. Version 1.2. LICENSE: lppl. Defines a command which does the same as `\caption`, except that it places itself correctly when put above the figure/table that it’s a caption of.  
URL: <https://ctan.org/pkg/topcapt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/topcapt.sty>
  - *The verbatim package*. Define commands which expand to verbatim text. 2018-09-15. Version 0.2. LICENSE: lppl. The package defines a single command (which has a `*`-form, like `\verb`). will define a robust command whose body expands to verbatim text. By using commands defined by `\newcommand`, one can put verbatim text into the arguments of commands; since the defined command is robust, it doesn’t matter if the argument is moving. (Full details of syntax and caveats about use are in comments in the file itself.)  
URL: <https://ctan.org/pkg/verbatim>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbatim>
  - *The vmspell package*. A spell-checker for VMS systems. 2018-09-15. LICENSE: pd  
URL: <https://ctan.org/pkg/vmspell>  
MIRROR: <https://mirror.ctan.org/support/vmspell>
- Fairbairns, Robin, Angus Duggan, Rainer Schöpf, Victor Eijkhout, and David Carlisle. *The moreverb package*. Extended verbatim. 2018-09-14. Version 2.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/moreverb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moreverb>
- Fairbairns, Robin, Max Hailperin, and David Carlisle. *The chappg package*. Page numbering by chapter. 2018-09-15. Version 2.1b. LICENSE: lppl  
URL: <https://ctan.org/pkg/chappg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chappg>
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URL: <https://ctan.org/pkg/footmisc>  
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URL: <https://ctan.org/pkg/parskip>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parskip>
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URL: <https://ctan.org/pkg/rotating>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
- Fairbairns, Robin and Christina Thiele. *The nrc package*. Class for the NRC technical journals. 2016-06-24. Version 2.01a. LICENSE: lppl. Macros, and some documentation, for typesetting papers for submission to journals published by the National Research Council Research Press. At present, only (for two-column layout) should be used.  
URL: <https://ctan.org/pkg/nrc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nrc>
- Fairman, Randall. *The figput package*. Create interactive figures in L<sup>A</sup>T<sub>E</sub>X. 2022-07-26. Version 0.90. LICENSE: cc-by-sa-4  
URL: <https://ctan.org/pkg/figput>  
MIRROR: <https://mirror.ctan.org/graphics/figput>
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- URL: <https://ctan.org/pkg/phfcc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfcc>
- *The phfextendedabstract package*. Typeset extended abstracts for conferences, such as often encountered in quantum information theory. 2021-09-11. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/phfextendedabstract>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfextendedabstract>
  - *The phffullpagefigure package*. Figures which fill up a whole page. 2017-04-18. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/phffullpagefigure>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phffullpagefigure>
  - *The phfnote package*. Basic formatting for short documents. 2021-10-11. Version 4.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/phfnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfnote>
  - *The phfparen package*. Parenthetic math expressions made simpler and less redundant. 2017-04-18. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/phfparen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfparen>
  - *The phfqit package*. Macros for typesetting Quantum Information Theory. 2021-10-11. Version 4.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/phfqit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfqit>
  - *The phfquotetext package*. Quote verbatim text without white space formatting. 2017-04-18. Version 1.0. LICENSE: lppl1.3. This package provides an environment for displaying block text with special characters, such as verbatim quotes from a referee report which may contain pseudo-(La)TeX code. This behaves like an environment, except that it displays its content as normal paragraph content, ignoring any white space preformatting.  
URL: <https://ctan.org/pkg/phfquotetext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfquotetext>
  - *The phfsvnwatermark package*. Watermarks with version control information from SVN. 2017-04-18. Version 1.0. LICENSE: lppl1.3. This package allows you to add version control information as a gray watermark on each page of your document. The SVN info is read from keyword tags such as , , and via the or packages.  
URL: <https://ctan.org/pkg/phfsvnwatermark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfsvnwatermark>
  - *The phfthm package*. Goodies for theorems and proofs. 2021-10-11. Version 1.2. LICENSE: lppl1.3. This package provides enhanced theorem and proof environments based on the original versions. It allows for hooks to be placed, adds some default goodies and is highly customizable. In particular, it can connect theorems to proofs, automatically producing text such as “See proof on page XYZ” and “Proof of Theorem 4: ...”.  
URL: <https://ctan.org/pkg/phfthm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfthm>
- Falco, Marc de. *The tikz-inet package*. Draw interaction nets with TikZ. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/tikz-inet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-inet>
- Faltin, Felix. *The iodhbwm package*. Unofficial template of the DHBW Mannheim. 2021-02-17. Version 1.2.2. LICENSE: lppl1.3. This package provides a template of the for the creation of bachelor thesis, studies or project work with L<sup>A</sup>T<sub>E</sub>X. The aim of the package is the quick creation of a basic framework without much effort.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iodhbwm>
- Fan, James. *The seuthesix package*. L<sup>A</sup>T<sub>E</sub>X class for theses at Southeast University, Nanjing, China. 2017-04-18. Version 1.0.1. LICENSE: gpl3  
URL: <https://ctan.org/pkg/seuthesix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seuthesix>
- Farar, Pavel. *The dejavu package*. L<sup>A</sup>T<sub>E</sub>X support for the DejaVu fonts. 2017-10-02. Version 2.34. LICENSE: lppl  
URL: <https://ctan.org/pkg/dejavu>  
MIRROR: <https://mirror.ctan.org/fonts/dejavu>
- *The paratype package*. L<sup>A</sup>T<sub>E</sub>X support for free fonts by ParaType. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/paratype>  
MIRROR: <https://mirror.ctan.org/fonts/paratype>
  - *The ptsans package*. PT Sans font and L<sup>A</sup>T<sub>E</sub>X support. 2016-06-24. Version 2.003. LICENSE: other-free  
URL: <https://ctan.org/pkg/ptsans>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/ptsans>

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 URL: <https://ctan.org/pkg/ptserif>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/ptserif>
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 URL: <https://ctan.org/pkg/newalg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newalg>
- Farrugia, Paulseph-John. *The maltese package. Support input in Maltese.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/maltese>  
 MIRROR: <https://mirror.ctan.org/language/maltese>
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 URL: <https://ctan.org/pkg/lxmial>  
 MIRROR: <https://mirror.ctan.org/support/lxmial>
- Faulhammer, Christian. *The dante-book-reviews package. Book reviews published in DANTE's journal.* 2016-06-24. LICENSE: nocommercial. A series of book reviews published in DANTE's journal " " from 2004, by a number of authors. The project was initiated by Christian Faulhammer.  
 URL: <https://ctan.org/pkg/dante-book-reviews>  
 MIRROR: [https://mirror.ctan.org/info/digests/dtk/book\\_reviews](https://mirror.ctan.org/info/digests/dtk/book_reviews)
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 URL: <https://ctan.org/pkg/dot2tex>  
 MIRROR: <https://mirror.ctan.org/graphics/dot2tex>
- *The dot2texi package. Create graphs within L<sup>A</sup>T<sub>E</sub>X using the dot2tex tool.* 2018-09-15. Version 3.0. LICENSE: gpl. The dot2texi package allows you to embed graphs in the DOT graph description language in your L<sup>A</sup>T<sub>E</sub>X documents. The tool is used to invoke for graph layout, and to transform the output from Graphviz to L<sup>A</sup>T<sub>E</sub>X code. The generated code relies on the package or the package. The process is automated if shell escape is enabled.  
 URL: <https://ctan.org/pkg/dot2texi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dot2texi>
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 URL: <https://ctan.org/pkg/mactotex>  
 MIRROR: <https://mirror.ctan.org/graphics/mactotex>
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 URL: <https://ctan.org/pkg/chemplants>  
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 URL: <https://ctan.org/pkg/sugconf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/sugconf>
- Felty, Robert. *The umthesis package. Dissertations at the University of Michigan.* 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/umthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umthesis>
- Fenn, Jürgen. *The templates-fenn package. Templates for T<sub>E</sub>X usage.* 2017-04-18. LICENSE: lppl. A set of templates for using L<sup>A</sup>T<sub>E</sub>X packages that the author uses, comprising: – scrlltr2.tex: a letter, written with scrlltr2.cls from the ; – dinbrief.tex: a letter according to the German (DIN) standards, written with ; – kbrieftex: a brief memo ("Kurzbrief") to accompany enclosures, as used in German offices, again based on ; – vermerk.tex: a general form for taking down notes on events in the office; and – diabetes.tex: a diary for the basis-bolus insulin therapy of diabetes mellitus, using scartcl.cls from the .  
 URL: <https://ctan.org/pkg/templates-fenn>  
 MIRROR: <https://mirror.ctan.org/info/templates/fenn>

- *The wordlike package. Simulating word processor layout.* 2016-06-24. Version 1.2b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/wordlike>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wordlike>
- Fennell, James. *The Student Handouts package. Management and styling of student handout projects.* 2019-06-21. Version 1.0. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/studenthandouts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/studenthandouts>
- Ferguson, George. *The code package. Typeset "code" in verbatim.* 2016-06-24. LICENSE: noinfo. Uses the package to typeset code, and offers alignment and positioning options, as well as the possibility of framing the code sample.  
 URL: <https://ctan.org/pkg/code>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/code>
- Ferguson, Michael J. *The inrstex package. Extended Plain T<sub>E</sub>X for use with M<sub>L</sub>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. INRST<sub>E</sub>X supports the preparation of documents in several languages, using ordinary fonts. It is usable with any T<sub>E</sub>X system, but is most useful when using ordinary CM fonts with an system. The macros include support for PostScript graphics.  
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 MIRROR: <https://mirror.ctan.org/macros/inrstex>
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 MIRROR: <https://mirror.ctan.org/fonts/academicons>
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- Fernández, José Alberto and Thorsten Hansen. *The bibunits package. Multiple bibliographies in one document.* 2016-06-24. Version 2.2. LICENSE: lpl  
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 URL: <https://ctan.org/pkg/serbian-book>  
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 URL: <https://ctan.org/pkg/serbian-date-lat>  
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MIRROR: <https://mirror.ctan.org/language/serbian/filipovic/sr-half-compound>
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URL: <https://ctan.org/pkg/elhyphen>  
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URL: <https://ctan.org/pkg/gentl-gr>  
MIRROR: <https://mirror.ctan.org/info/greek/gentle>
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URL: <https://ctan.org/pkg/combfont>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/combfont>
- *The enpassant package. Enpassant chess font support.* 2016-06-24. Version 1.1. LICENSE: lppl. The package contains the necessary files to use free chess fonts from the (or on CTAN), with (La)T<sub>E</sub>X. For some of the fonts the pfb-file is also part of the package, or is available elsewhere on CTAN. For others the pfb must be made from the original ttf from the enpassant site. Instructions about the conversion and the use of the font can be found in the documentation of chessfss.  
URL: <https://ctan.org/pkg/enpassant>  
MIRROR: <https://mirror.ctan.org/fonts/chess/enpassant>

- *The fontloader-luaotfload package. Alternative fontloaders for luaotfload.* 2018-09-30. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fontloader-luaotfload>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/generic/fontloader-luaotfload>
- *The newpax package. Experimental package to extract and reinsert PDF annotations.* 2022-09-15. Version 0.53. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newpax>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/returntogrid>
- *The tagpdf package. Tools for experimenting with tagging using pdf $\text{\LaTeX}$  and Lua $\text{\LaTeX}$ .* 2022-08-24. Version 0.97. LICENSE: lppl1.3c  
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URL: <https://ctan.org/pkg/babel-french>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/french>
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URL: <https://ctan.org/pkg/concmath-otf>  
MIRROR: <https://mirror.ctan.org/fonts/concmath-otf>
- *The erewhon-math package. Utopia based OpenType Math font.* 2022-11-04. Version 0.55. LICENSE: ofl,lppl1.3. OpenType version of the Type1 fonts designed by Michel Bovani.  
URL: <https://ctan.org/pkg/erewhon-math>  
MIRROR: <https://mirror.ctan.org/fonts/erewhon-math>
- *The euler-math package. OpenType version of Hermann Zapf’s Euler maths font.* 2022-11-16. Version 0.30. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/euler-math>  
MIRROR: <https://mirror.ctan.org/fonts/euler-math>
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URL: <https://ctan.org/pkg/frhyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/frhyph.tex>
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MIRROR: <https://mirror.ctan.org/fonts/kpfonts-otf>
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URL: <https://ctan.org/pkg/lettrine>  
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URL: <https://ctan.org/pkg/lua-typo>  
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URL: <https://ctan.org/pkg/xcharter-math>  
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- *The gt1 package. Manipulating generalized token lists.* 2018-12-29. Version 0.5. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/gt1>  
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- *The morewrites package. Always room for a new write stream.* 2018-12-29. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/morewrites>  
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- *The multiexpand package. Variations on the primitive command \expandafter.* 2020-08-29. Version 1.5. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/multiexpand>  
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- *The randomwalk package. Random walks using TikZ.* 2018-12-28. Version 0.6. LICENSE: lpl1.3c  
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URL: <https://ctan.org/pkg/reverxii>  
MIRROR: <https://mirror.ctan.org/macros/generic/reverxii>
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URL: <https://ctan.org/pkg/truthtable>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebase>
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URL: <https://ctan.org/pkg/symbats3>  
MIRROR: <https://mirror.ctan.org/fonts/symbats3>
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MIRROR: <https://mirror.ctan.org/support/mathtex>
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URL: <https://ctan.org/pkg/mimetex>  
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MIRROR: <https://mirror.ctan.org/support/texlist>



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URL: <https://ctan.org/pkg/jqt1999>  
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URL: <https://ctan.org/pkg/altnline>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/altnline.sty>
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- *The dpfloat package. Support for double-page floats.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/dpfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dpfloat>
- *The firstline package. Print the first line of a paragraph in a different font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/firstline>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/firstline.tex>
- *The uwthesis package. University of Washington thesis class.* 2016-06-18. Version 6.13. LICENSE: apache2  
URL: <https://ctan.org/pkg/uwthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uwthesis>
- *The uwthesis209 package. L<sup>A</sup>T<sub>E</sub>X 2.09 style for University of Washington theses.* 2016-06-24. Version 1.5. LICENSE: noinfo  
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- Frambach, Erik. *The fourproject package. Analyse and display the structure of a T<sub>E</sub>X document.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/fourproject>  
MIRROR: <https://mirror.ctan.org/support/4project>
- *The fourspell package. Windows32 spell checker for T<sub>E</sub>X, RTF, HTML, and BibTeX.* 2016-06-24. LICENSE: gpl. A Windows32 spell-checker for (La)TeX, RTF, HTML, BibTeX documents, or any other ASCII format, with or without tags. Highly configurable. Supports multiple codepages (can spell-check e.g. Russian), uses colors to display document and tag structures. Dictionaries are compatible with .  
URL: <https://ctan.org/pkg/fourspell>  
MIRROR: <https://mirror.ctan.org/support/4spell>
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URL: <https://ctan.org/pkg/pst-asr>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-asr>

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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-jtree>
- Frank, Ben. *The kvmap package. Create Karnaugh maps with L<sup>A</sup>T<sub>E</sub>X.* 2020-09-16. Version 0.3.5. LICENSE: lppl1.3c. This L<sup>A</sup>T<sub>E</sub>X package allows the creation of (even large) Karnaugh maps. It provides a tabular-like input syntax and support for drawing bundles (implicants) around adjacent values. It is based on an .  
 URL: <https://ctan.org/pkg/kvmap>  
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 URL: <https://ctan.org/pkg/sae>  
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 URL: <https://ctan.org/pkg/dectab>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euro>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crop>
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 URL: <https://ctan.org/pkg/centerlastline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/centerlastline>
- *The mailmerge package. Repeating text field substitution.* 2016-06-24. Version 1.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/mailmerge>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mailmerge>
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 URL: <https://ctan.org/pkg/numberpt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numberpt>
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 URL: <https://ctan.org/pkg/pagecont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagecont>
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- Free Software Foundation. *The texinfo package. Texinfo documentation system.* 2021-07-13. Version 6.8. LICENSE: gpl  
 URL: <https://ctan.org/pkg/texinfo>  
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- *The texinfo-latest package. Current releases of texinfo.tex and texi2dvi.* 2021-07-13. LICENSE: gpl. The bundle offers the latest official releases of the macro file, the scripts, and support file, as posted on . These files are often updated between full releases of the full package. See the the full package for documentation.  
 URL: <https://ctan.org/pkg/texinfo-latest>  
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 URL: <https://ctan.org/pkg/unamthesis>  
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 URL: <https://ctan.org/pkg/fancyhandout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhandout>
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 URL: <https://ctan.org/pkg/hackthefootline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/hackthefootline>
  - *The lualatex-truncate package. A wrapper for using the truncate package with LuaLaTeX.* 2018-08-22. Version 1.1. LICENSE: lppl1.3c. This package provides a wrapper for the package, thus fixing issues related to LuaTeX's hyphenation algorithm.  
 URL: <https://ctan.org/pkg/lualatex-truncate>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lualatex-truncate>
  - *The mensa-tex package. Typeset simple school cafeteria menus.* 2017-12-05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mensa-tex>  
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  - *The pdfpc-movie package. Pdfpc viewer-compatible hyperlinks to movies.* 2018-07-23. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfpc-movie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpc-movie>
  - *The termcal-de package. German localization for termcal.* 2018-03-24. Version 2.0. LICENSE: lppl1.3c  
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  - *The textualcomma package. Use the textual comma character as decimal separator in math mode.* 2018-08-23. Version 1.1. LICENSE: lppl1.3c  
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 URL: <https://ctan.org/pkg/texi2dvi-latest>  
 MIRROR: <https://mirror.ctan.org/macros/texinfo/latest>
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 URL: <https://ctan.org/pkg/cloze>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/cloze>
- *The luakeys package. A Lua module for parsing key-value options.* 2022-11-21. Version 0.9.0. LICENSE: lppl1.3c. This package provides a Lua module that can parse key-value options like the T<sub>E</sub>X packages , , , etc. , however, accomplishes this task entirely

by using the Lua language and does not rely on  $\TeX$ . Therefore this package can only be used with the  $\TeX$  engine. Since luakeys uses , the parsing mechanism should be pretty robust.

URL: <https://ctan.org/pkg/luakeys>

MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luakeys>

- *The nodetree package*. Visualize node lists in a tree view. 2020-10-23. Version 2.2. LICENSE: lppl1.3. is a development package that visualizes the structure of node lists. shows its debug informations in the console output when you compile a LuaTeX file. It uses a similar visual representation for node lists as the UNIX command for a folder structure.

URL: <https://ctan.org/pkg/nodetree>

MIRROR: <https://mirror.ctan.org/macros/luatex/generic/nodetree>

Friendly, Michael. *The tex2bib package*. Extract a BibTeX database from a document source. 2016-06-24. LICENSE: bsd. Tex2bib is a Perl script that extracts bibliographic data from a document whose author wrote out the entries. The entire document is scanned for entries, ending when is encountered.

URL: <https://ctan.org/pkg/tex2bib>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/tex2bib>

- *The texdepend package*. Find dependencies in a  $\LaTeX$  file. 2020-05-05. Version 0.92. LICENSE: lppl. A Perl script for finding dependencies in a  $\LaTeX$  file. The script reads a file, and (recursively) all and files referenced therein to build dependencies from the source files scanned, packages (as in ), and figures (loaded using ).

URL: <https://ctan.org/pkg/texdepend>

MIRROR: <https://mirror.ctan.org/support/texdepend>

- *The texref package*. Find cross-references in a  $\LaTeX$  file. 2016-06-24. LICENSE: lppl. Texref reads a file, and (recursively) all and files referenced therein, collecting the names of all s, s and s as it goes. It then prints the list of labels together with information about where those labels are referenced in the file.

URL: <https://ctan.org/pkg/texref>

MIRROR: <https://mirror.ctan.org/support/texref>

Fries, Alexander. *The fribrief package*. Two  $\LaTeX$  classes for writing letters in German. 2019-06-21. LICENSE: other-nonfree

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  - *The stealcaps package. “Steal” small capitals.* 2022-11-07. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/stealcaps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stealcaps>
  - Gibbons, Jeremy and Alan Jeffrey. *The diagramf package. Labelled diagrams in Metafont.* 2016-06-24. Version 1.1. LICENSE: noinfo. The package provides a means of labelling diagrams each produced as a Metafont character in a ‘font’ which is produced using the Metafont package. L<sup>A</sup>T<sub>E</sub>X passes data to Metafont (by ordinary L<sup>A</sup>T<sub>E</sub>X file-writing mechanisms), and Metafont writes stuff into its log-file, which must then be extracted into a different file so that L<sup>A</sup>T<sub>E</sub>X can see it.  
URL: <https://ctan.org/pkg/diagramf>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/diagramf>
  - Giese, Martin and Herbert Voß. *The pst-blur package. PSTricks package for “blurred” shadows.* 2016-06-24. Version 2.0. LICENSE: lppl. Pst-blur is a package built for use with . It provides macros that apply blurring to the normal shadow function of PSTricks.  
URL: <https://ctan.org/pkg/pst-blur>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-blur>
  - *The pst-slpe package. Sophisticated colour gradients.* 2018-09-15. Version 1.31. LICENSE: lppl. This package covers all the colour gradient functionality of pst-grad (part of the base PSTricks distribution), and provides the following facilities:  
URL: <https://ctan.org/pkg/pst-slpe>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-slpe>
  - Giesecking, Martin. *The dvisvgm package. Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG).* 2022-08-13. Version 2.14. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/dvisvgm>  
MIRROR: <https://mirror.ctan.org/dviware/dvisvgm>
  - Gil, Yossi. *The addindex package. Add index entries to L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. LICENSE: noinfo. Addindex is C/Lex program to add index entries to a L<sup>A</sup>T<sub>E</sub>X document. You start with a ‘names database’, which looks like the section of a BibTeX database; addindex scans your L<sup>A</sup>T<sub>E</sub>X file for strings in the database, and adds commands for each match.  
URL: <https://ctan.org/pkg/addindex>  
MIRROR: <https://mirror.ctan.org/indexing/addindex>
  - Gil, Yossi. *The bashful package. Invoke bash commands from within L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 0.93. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bashful>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bashful>
  - *The unisugar package. Define syntactic sugar for Unicode L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 0.92. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/unisugar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unisugar>
  - Gilbey, Julian. *The ctie package. C version of tie (merging Web change files).* 2018-01-06. Version 1.1. LICENSE: gpl. This is a version of converted for use with .  
URL: <https://ctan.org/pkg/ctie>  
MIRROR: [https://mirror.ctan.org/web/c\\_cpp/ctie](https://mirror.ctan.org/web/c_cpp/ctie)



- Gilbey, Julian, Sebastian Rahtz, and Grant Gustafson. *The labels package. Print sheets of sticky labels*. 2016-06-24. Version .13. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/labels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels>
- Gildea, Daniel. *The ucthes package. University of California thesis format*. 2016-06-24. Version 3.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ucthes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucthes>
- Gildea, Stephen. *The geophysics package. Articles for the journal Geophysics*. 2021-12-29. LICENSE: nosell  
 URL: <https://ctan.org/pkg/geophysics>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/geophysics.sty>
- *The headerfooter package. Define the layouts of page headers and footers*. 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/headerfooter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/headerfooter.sty>
- *The underlin-generic package. Multi-word underlining*. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/underlin-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/underlin.tex>
- Gilg, Jürgen. *The cookybooky package. A L<sup>A</sup>T<sub>E</sub>X based package to easily typeset some professional looking cooking recipes*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cookybooky>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cookybooky>
- Gilg, Jürgen, Manuel Luque, and Aubrey Jaffer. *The pst-marble package. A PSTricks package to draw marble-like patterns*. 2019-05-01. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pst-marble>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-marble>
- Gilg, Jürgen, Manuel Luque, Patrice Megrét, and Herbert Voß. *The pst-electricfield package. Draw electric field and equipotential lines with PSTricks*. 2016-06-24. Version 0.14. LICENSE: lppl. The package provides macros to plot electric field and equipotential lines using . There may be any number of charges which can be placed in a cartesian coordinate system by (x,y) values.  
 URL: <https://ctan.org/pkg/pst-electricfield>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-electricfield>
- Gilg, Jürgen, Manuel Luque, and Jean-Michel Sarlat. *The pst-moire package. A PSTricks package to draw moiré patterns*. 2021-09-03. Version 2.2. LICENSE: lppl1.3c. This is a package to draw moiré patterns.  
 URL: <https://ctan.org/pkg/pst-moire>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-moire>
- Gilg, Jürgen, Manuel Luque, and Herbert Voß. *The pst-magneticfield package. Plotting a magnetic field with PSTricks*. 2022-07-06. Version 1.17. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-magneticfield>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-magneticfield>
- Gill, Richard and J C Loredó-Osti. *The prodint package. A font that provides the product integral symbol*. 2016-06-24. LICENSE: ofl  
 URL: <https://ctan.org/pkg/prodint>  
 MIRROR: <https://mirror.ctan.org/fonts/prodint>
- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/harvmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/harvmac>
- Giraud, Pierre-Amiel. *The skills package. Create proficiency tests*. 2020-10-28. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/skills>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skills>
- Girou, Denis. *The piechart package. Simple pie-charts with PSTricks*. 2016-06-24. LICENSE: noinfo. A pair of shell+AWK scripts that uses small parameter files to generate pie-charts (expressed as (La)TeX code using ).  
 URL: <https://ctan.org/pkg/piechart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/piechart>
- *The pst-fr3d package. Draw 3-dimensional framed boxes using PSTricks*. 2016-06-24. Version 1.10. LICENSE: lppl. A package using to draw three dimensional framed boxes using a macro . The macro is especially useful for drawing 3d-seeming buttons.  
 URL: <https://ctan.org/pkg/pst-fr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fr3d>
- Girou, Denis, Christophe Jorssen, Manuel Luque, and Herbert Voß. *The pst-labo package. Draw objects for Chemistry laboratories*. 2018-09-15. Version 2.04. LICENSE: lppl. Pst-labo is a related package for drawing basic and complex chemical objects. The



- documentation of the package is illuminated with plenty of illustrations together with their source code, making it an easy read.  
 URL: <https://ctan.org/pkg/pst-labo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-labo>
- Girou, Denis and Peter Kleiweg. *The pst-light3d package. Three dimensional lighting effects (PSTricks)*. 2018-09-15. Version 0.12. LICENSE: lppl. A package for three dimensional lighting effects on characters and PSTricks graphics, like lines, curves, plots, ...  
 URL: <https://ctan.org/pkg/pst-light3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>
- Girou, Denis and Herbert Voß. *The pst-fill package. Fill or tile areas with PSTricks*. 2021-10-01. Version 1.02. LICENSE: lppl. Pst-fill is a -based package for filling and tiling areas or characters.  
 URL: <https://ctan.org/pkg/pst-fill>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
- *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-gantt>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
  - *The pst-gr3d package. Three dimensional grids with PSTricks*. 2016-06-24. Version 1.34. LICENSE: lppl. This package provides a command that will draw a three dimensional grid, offering a number of options for its appearance.  
 URL: <https://ctan.org/pkg/pst-gr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
  - *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
 URL: <https://ctan.org/pkg/pst-ob3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
  - *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-poly>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
- Gjelstad, Ellef. *The UML package. UML diagrams in L<sup>A</sup>T<sub>E</sub>X*. 2018-09-15. Version 0.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/uml>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
- Glazkov, Dmitry A. *The shadbox package. Shade the background of any box*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/shadbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>
- *The tracking package. Adjust tracking of strings*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tracking>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
- Gleason, Jonathan. *The eqnnumwarn package. Modifies the amsmath equation environments to warn for a displaced equation number*. 2018-01-07. Version 1.0. LICENSE: lppl1.3. Sometimes an equation is too long that an equation number will be typeset below the equation itself, but yet not long enough to yield an "overfull \hbox" warning. The package modifies the standard amsmath numbered equation environments to throw a warning whenever this occurs.  
 URL: <https://ctan.org/pkg/eqnnumwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
- Glenn, Paulley. *The chicago package. A "Chicago" bibliography style*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chicago>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
- *The chicagoo package. "Chicago" bibliography style with annotations*. 2016-06-24. LICENSE: other-free. This is a modification of the author's style, to support an 'annotation' field in bibliographies.  
 URL: <https://ctan.org/pkg/chicagoo>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoo.bst>
- Gliboff, Sander. *The biblatex-historian package. A BibL<sup>A</sup>T<sub>E</sub>X style*. 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-historian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. The package 'makes' a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.  
 URL: <https://ctan.org/pkg/glonti>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>

- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/cmcyr>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
- Glunz, Dr. Wolfgang. *The pstoeedit package. Translate PostScript and PDF to other formats*. 2017-04-18. Version 3.50. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pstoeedit>  
 MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text*. 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.  
 URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- *The newsletr package. Macros for making newsletters with Plain T<sub>E</sub>X*. 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newsletr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newsletr>
- *The quote package. Match pairs of double-quote characters*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/quote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>
- Göbel, Jürgen. *The savesym package. Redefine symbols where names conflict*. 2016-06-24. Version 1.2. LICENSE: lppl. There are a number of symbols (e.g., ) that are defined by several packages. In order to typeset all the variants in a document, we have to give the glyph a unique name. To do that, we define , which renames a symbol from to , and , which renames back to and defines a new command, , which corresponds to the most recently loaded version of .  
 URL: <https://ctan.org/pkg/savesym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases*. 2017-04-18. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pybliographer>
- Godby, Kevin. *The tufte-latex package. Document classes inspired by the work of Edward Tufte*. 2018-04-05. Version 3.5.2. LICENSE: apache2  
 URL: <https://ctan.org/pkg/tufte-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
- Goel, Anil. *The figsinltx package. A tutorial on figures in L<sup>A</sup>T<sub>E</sub>X 2.09*. 2018-01-06. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/figsinltx>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>
- *The ltablex package. Table package extensions*. 2017-09-28. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltablex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltablex>
- Goel, Deepak. *The autoview package. Maintain a Ghostscript view of emacs buffer*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/autoview>  
 MIRROR: <https://mirror.ctan.org/support/autoview>
- Goertz, Ralf. *The qbibman package. Graphical frontend to BibTool*. 2016-06-18. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/qbibman>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/qbibman>
- Goldasz, Janusz, Ryszard Kubiak, Tomasz Przechlewski, and Marcin Serwin. *The lshort-polish package. Introduction to L<sup>A</sup>T<sub>E</sub>X in Polish*. 2022-05-13. Version 6.4PL1. LICENSE: gpl2+. This is the Polish translation of .  
 URL: <https://ctan.org/pkg/lshort-polish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/polish>
- Goldberg, Jacques. *The redis package. A Hebrew font*. 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong*. 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types and are recognised by the package, unmodified. Since several packages define other types of float, it is possible to register these float types with endfloat.

- URL: <https://ctan.org/pkg/endfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endfloat>
- Goldgaber, Sergey. *The thumby package. Create thumb indexes for printed books*. 2016-06-24. Version 0.1. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/thumby>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumby>
- Goldschmitt, Ulrich. *The ulsy package. Extra mathematical characters*. 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ulsy>  
 MIRROR: <https://mirror.ctan.org/fonts/ulsy>
- Goldschmitt, Ulrich and Yvon Henel. *The ulsy-ps package. Extra mathematical characters in Adobe Type 1 format*. 2016-06-24. LICENSE: noinfo. These are autotraced versions of the fonts.  
 URL: <https://ctan.org/pkg/ulsy-ps>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ulsy>
- Gollwitzer, Christian. *The aurical package. Calligraphic fonts for use with L<sup>A</sup>T<sub>E</sub>X in T1 encoding*. 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aurical>  
 MIRROR: <https://mirror.ctan.org/fonts/aurical>
- *The shapepatch package. Transfig patch supporting shapepar*. 2016-06-24. Version 1.1. LICENSE: bsd. ShapePatch is a patch against , which adds the capability to export figures to shape definitions for . Shapepar itself will form a paragraph into a specified shape, and the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. ShapePatch effort: one simply draws the required shape with XFig and then convert it to a shape definition for shapepar, either by calling fig2dev manually or by choosing “Export/Shape” in XFig (if you install the additional XFig patch).  
 URL: <https://ctan.org/pkg/shapepatch>  
 MIRROR: <https://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>
- Gomes, Hugo. *The pgf-PeriodicTable package. Create custom periodic tables of elements*. 2022-11-08. Version 1.0.1. LICENSE: lppl1.3. The purpose of this package is to provide the Periodic Table of Elements in a simple way. It relies on to offer a full or partial periodic table with a variety of options and displaying the desired data for all the 118 elements. It can be done in six languages: English, French, German, Portuguese (from Portugal and from Brazil), Spanish and Italian.  
 URL: <https://ctan.org/pkg/pgf-periodictable>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-periodictable>
- *The pgf-spectra package. Draw continuous or discrete spectra using PGF/TikZ*. 2021-07-04. Version 2.1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-spectra>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-spectra>
- Gonçalves, Luís Nobre. *The featpost package. MetaPost macros for 3D*. 2018-01-06. Version 0.8.8. LICENSE: gpl  
 URL: <https://ctan.org/pkg/featpost>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/featpost>
- González, Luis, Javier Toro, and Pedro Linares. *The interactiveanimation package. Create PDF files with branching animations*. 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/interactiveanimation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced L<sup>A</sup>T<sub>E</sub>X mode for the Jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L<sup>A</sup>T<sub>E</sub>X mode in the fashion of AUC T<sub>E</sub>X: menus, shortcuts, templates, syntax highlighting, document outline, integrated debugging, symbol completion, full integration with external programs, and more. It was designed with both the beginner and the advanced L<sup>A</sup>T<sub>E</sub>X user in mind.  
 URL: <https://ctan.org/pkg/latex4jed>  
 MIRROR: <https://mirror.ctan.org/support/jed/latex4jed>
- *The LaTeX4Musicians package. A guide for combining L<sup>A</sup>T<sub>E</sub>X and music*. 2019-01-19. Version 1.0.1. LICENSE: fdl  
 URL: <https://ctan.org/pkg/latex4musicians>  
 MIRROR: <https://mirror.ctan.org/info/latex4musicians>
- Gonzato, Guido. *The latex4wp package. A L<sup>A</sup>T<sub>E</sub>X guide specifically designed for word processor users*. 2016-06-24. Version 1.0.10. LICENSE: fdl  
 URL: <https://ctan.org/pkg/latex4wp>  
 MIRROR: <https://mirror.ctan.org/info/latex4wp>
- *The latex4wp-it package. L<sup>A</sup>T<sub>E</sub>X guide for word processor users, in Italian*. 2016-06-24. Version 1.0.10. LICENSE: fdl. The package provides a version of the in Italian  
 URL: <https://ctan.org/pkg/latex4wp-it>  
 MIRROR: <https://mirror.ctan.org/info/latex4wp-it>

- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/basicarith>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basicarith>
- *The catechis package. Macros for typesetting catechisms*. 2021-07-20. Version 2.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catechis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catechis>
  - *The clrdblpg package. Control pagestyle of pages left blank by \cleardoublepage*. 2018-05-07. Version 1.0. LICENSE: lppl1.3. This tiny package allows easy manipulation of the headers and footers on pages left blank by . By default, L<sup>A</sup>T<sub>E</sub>X has no easy facilities for this. This package uses more or less the algorithm listed in the package documentation, with some better indentation and added flexibility.  
 URL: <https://ctan.org/pkg/clrdblpg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrdblpg>
  - *The colophon package. Provides commands for producing a colophon*. 2018-06-03. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/colophon>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colophon>
  - *The dozenal package. Typeset documents using base twelve numbering (also called “dozenal”)*. 2018-05-11. Version 7.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dozenal>  
 MIRROR: <https://mirror.ctan.org/fonts/dozenal>
  - *The drm package. A complete family of fonts written in Metafont*. 2016-06-24. Version 4.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/drm>  
 MIRROR: <https://mirror.ctan.org/fonts/drm>
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 URL: <https://ctan.org/pkg/liturg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/liturg>
  - *The lroundrect package. L<sup>A</sup>T<sub>E</sub>X macros for utilizing the roundrect MetaPost routines*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with L<sup>A</sup>T<sub>E</sub>X. It is chiefly useful for examples, but also has macros for particular types of boxes which are useful on their own.  
 URL: <https://ctan.org/pkg/lroundrect>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lroundrect>
  - *The modulus package. A non-destructive modulus and integer quotient operator for T<sub>E</sub>X*. 2018-05-05. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/modulus>  
 MIRROR: <https://mirror.ctan.org/macros/generic/modulus>
  - *The padcount package. Pad numbers with arbitrary characters*. 2018-05-07. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/padcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/padcount>
  - *The poetry package. Facilities for typesetting poetry and poetical structure*. 2019-12-14. Version 2.2. LICENSE: lppl1.3c. This package provides some macros and general doodads for typesetting poetry. There is, of course, already the excellent package, and the package provides some extra functionality on top of it. But provides much of the same functionality in a bit of a different way, and with a few additional abilities, such as facilities for a list of poems, an index of first lines, and some structural commands.  
 URL: <https://ctan.org/pkg/poetry>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poetry>
  - *The roundrect package. MetaPost macros for highly configurable rounded rectangles (optionally with text)*. 2016-06-24. Version 2.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/roundrect>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/roundrect>
  - *The shapes package. Draw polygons, reentrant stars, and fractions in circles with MetaPost*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/shapes>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/shapes>
- Goodman, Donald P. *The texdate package. Date printing, formatting, and manipulation in T<sub>E</sub>X*. 2018-12-09. Version 2.0. LICENSE: lppl1.3c. T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X provide few facilities for dates by default, though many packages have filled this gap. This package fills it, as well, with a pure T<sub>E</sub>X-primitive implementation. It can print dates, advance them by numbers of days, weeks, or months, determine the weekday automatically (with an algorithm cribbed from the file written by Martin Minow), and print them in (mostly) arbitrary format. It can also print calendars (monthly and yearly) automatically, and can be easily localized for non-English languages.



- URL: <https://ctan.org/pkg/texdate>  
MIRROR: <https://mirror.ctan.org/macros/generic/texdate>
- *The xellipsis package. Extremely configurable ellipses with formats for various style manuals.* 2018-04-16. Version 2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xellipsis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xellipsis>
  - *The yaletter package. Extremely flexible macros for letters, envelopes, and label sheets.* 2017-01-03. Version 1.1. LICENSE: lppl1.3.  
The class provides extremely configurable macros for typesetting letters in any conceivable style. It provides facilities for maintaining easily-accessible databases of letterheads and addresses for repeat use. It further provides easy macros for envelopes and for label sheets. Finally, it provides some nice defaults for a few of the more common styles and sizes.  
URL: <https://ctan.org/pkg/yaletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yaletter>
  - Goossens, Michel. *The cyrtug package. EmTeX as distributed by CyrTUG.* 2016-06-24. LICENSE: noinfo. The CyrTUG distribution of files for use with . (CyrTUG is the Cyrillic-alphabet T<sub>E</sub>X users' group; apart from the fonts, there are several other files to support Cyrillic users.)  
URL: <https://ctan.org/pkg/cyrtug>  
MIRROR: <https://mirror.ctan.org/systems/msdos/emtex-contrib/cyrtug>
  - Goossens, Michel and Sebastian Rahtz. *The mm package. A jiffy Multiple Master tool.* 2016-06-24. LICENSE: noinfo. A set of simple scripts and programs for deriving instances from Adobe Multiple Master fonts for use with . The scripts use to derive metrics, etc.  
URL: <https://ctan.org/pkg/mm>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mm>
  - *The webcomp-errata package. Errata list for The L<sup>A</sup>T<sub>E</sub>X Web Companion.* 2016-10-18. LICENSE: lppl  
URL: <https://ctan.org/pkg/webcomp-errata>  
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  - Goot, Marcel van der. *The boxit-ltx package. An environment for boxing things.* 2016-06-24. LICENSE: noinfo. The package defines a boxit environment that draws lines around its contents. The environment can box things like verbatim text, unlike the that originally appeared in the T<sub>E</sub>Xbook.  
URL: <https://ctan.org/pkg/boxit-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/boxit.sty>
  - *The midnight package. A set of useful macro tools.* 2016-06-24. LICENSE: other-free  
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MIRROR: <https://mirror.ctan.org/macros/generic/midnight>
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URL: <https://ctan.org/pkg/hobete>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hobete>
  - Gosmann, Jan. *The tikz-nef package. Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF).* 2020-07-08. Version 0.1. LICENSE: mit  
URL: <https://ctan.org/pkg/tikz-nef>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-nef>
  - Gossen, Gerhard and Boris Veytsman. *The bibtexperl11bs package. BibTeX Perl Libraries.* 2020-12-14. Version 1.6. LICENSE: gpl1,artistic,pd  
URL: <https://ctan.org/pkg/bibtexperl11bs>  
MIRROR: <https://mirror.ctan.org/support/bibtexperl11bs>
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URL: <https://ctan.org/pkg/biblatex-lncs>  
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  - Goualard, Frederic. *The prosper package. L<sup>A</sup>T<sub>E</sub>X class for high quality slides.* 2017-04-18. Version 1.0h. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/prosper>  
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 URL: <https://ctan.org/pkg/cv4tw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cv4tw>
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 URL: <https://ctan.org/pkg/muthesis>  
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 URL: <https://ctan.org/pkg/actuarialangle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/actuarialangle>
- *The formation-latex-ul package. Introductory L<sup>A</sup>T<sub>E</sub>X course in French*. 2020-10-20. Version 2020.10. LICENSE: cc-by-4  
 URL: <https://ctan.org/pkg/formation-latex-ul>  
 MIRROR: <https://mirror.ctan.org/info/formation-latex-ul>
  - *The francais-bst package. Bibliographies conforming to French typographic standards*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/francais-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/francais-bst>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/actuarialsymbol>
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 URL: <https://ctan.org/pkg/acroreloadpdf>  
 MIRROR: <https://mirror.ctan.org/support/acroreloadpdf>
- *The animate package. Create PDF and SVG animations from graphics files and inline graphics*. 2022-09-15. LICENSE: lppl. The package provides an interface to create portable, JavaScript driven PDF and SVG animations from sets of graphics files or from inline graphics, such as L<sup>A</sup>T<sub>E</sub>X picture environment, or generated pictures, or just from typeset text.  
 URL: <https://ctan.org/pkg/animate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/animate>
  - *The fixocgx package. Add support for dvips+ps2pdf, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, dvipdfmx to the ocgx package*. 2018-06-12. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fixocgx>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fixocgx>
  - *The media4svg package. Multimedia inclusion for the dvisvgm backend*. 2022-10-12. Version 0.13. LICENSE: lppl  
 URL: <https://ctan.org/pkg/media4svg>  
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  - *The media9 package. Multimedia inclusion package with Adobe Reader-9/X compatibility*. 2022-08-04. Version 1.25. LICENSE: lppl  
 URL: <https://ctan.org/pkg/media9>  
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 URL: <https://ctan.org/pkg/ocgx2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ocgx2>

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URL: <https://ctan.org/pkg/portable-miktex>  
MIRROR: <https://mirror.ctan.org/obsolete/info/MiKTeX+Ghostscript+GSview+USB-drive-HOWTO.txt>
- *The pst-ode package. Solving initial value problems for sets of Ordinary Differential Equations.* 2022-11-24. Version 0.18. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-ode>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ode>
- *The xsavebox package. Saveboxes for repeating content without code replication, based on PDF Form XObjects.* 2022-08-04. Version 0.18. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xsavebox>
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URL: <https://ctan.org/pkg/qsharp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qsharp>
- *The revquantum package. Hacks to make writing quantum papers for revtex4-1 less painful.* 2018-01-06. Version 0.11. LICENSE: lppl1.3. This package provides a number of useful hacks to solve common annoyances with the package, and to define notation in common use within quantum information. In doing so, it imports and configures a number of commonly-available and used packages, and where reasonable, provides fallbacks. It also warns when users try to load packages which are known to be incompatible with .  
URL: <https://ctan.org/pkg/revquantum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revquantum>
- Granet, Elijah Z. *The coolfn package. Typeset long legal footnotes.* 2022-10-16. Version 1.0.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/coolfn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coolfn>
- *The luacensor package. Securely redact sensitive information using Lua.* 2022-02-23. Version 1.1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luacensor>  
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URL: <https://ctan.org/pkg/luaquotes>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaquotes>
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URL: <https://ctan.org/pkg/swungdash>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/swungdash>
- *The textcsc package. Simple commands for caps-to-small-caps text.* 2022-11-04. Version 1.0.1. LICENSE: lppl1.3,cc-by-sa-3. This package provides a simple command ( and ) for caps-to-small-caps text, to allow for small caps acronyms to be presented as uppercase in text (useful for things like copying and pasting from a PDF).  
URL: <https://ctan.org/pkg/textcsc>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/textcsc>
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URL: <https://ctan.org/pkg/ukbill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ukbill>
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 URL: <https://ctan.org/pkg/firststeps-xampl>  
 MIRROR: <https://mirror.ctan.org/info/examples/FirstSteps>
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 URL: <https://ctan.org/pkg/math-into-latex-4>  
 MIRROR: [https://mirror.ctan.org/info/examples/Math\\_into\\_LaTeX-4](https://mirror.ctan.org/info/examples/Math_into_LaTeX-4)
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 URL: <https://ctan.org/pkg/mil>  
 MIRROR: <https://mirror.ctan.org/info/examples/mil>
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 URL: <https://ctan.org/pkg/mil3>  
 MIRROR: <https://mirror.ctan.org/info/examples/mil3>
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 URL: <https://ctan.org/pkg/practical-latex>  
 MIRROR: [https://mirror.ctan.org/info/examples/Practical\\_LaTeX](https://mirror.ctan.org/info/examples/Practical_LaTeX)
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 MIRROR: <https://mirror.ctan.org/support/logfilter>
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 URL: <https://ctan.org/pkg/bibhtml>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bibhtml>
- *The dvi2bitmap package. Utility to convert T<sub>E</sub>X DVI files directly to bitmaps*. 2017-04-18. Version 1.0. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/dvi2bitmap>  
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  - *The exam-n package. Exam class, focused on collaborative authoring*. 2022-10-10. Version 1.4.0. LICENSE: lppl1.3c  
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  - *The feyn package. A font for in-text Feynman diagrams*. 2022-07-20. Version 0.4.3. LICENSE: bsd2  
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 URL: <https://ctan.org/pkg/showlabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showlabels>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textpos>
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 URL: <https://ctan.org/pkg/urlbst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/urlbst>
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 URL: <https://ctan.org/pkg/versonotes>  
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 URL: <https://ctan.org/pkg/recycle>  
 MIRROR: <https://mirror.ctan.org/fonts/recycle>
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  - *The makebox package. Defines a \makebox\* command.* 2019-03-12. Version 0.1. LICENSE: lppl. Define a command that does the same as a command, except that the width is given by a sample text instead of an explicit length measure.  
 URL: <https://ctan.org/pkg/makebox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebox>
  - *The nbaseprt package. Print numbers in non-decimal bases.* 2019-03-12. Version 0.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nbaseprt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
  - *The numprint package. Print numbers with separators and exponent if necessary.* 2019-03-12. Version 1.39. LICENSE: lppl  
 URL: <https://ctan.org/pkg/numprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
  - *The onlyamsmath package. Inhibit use of non-amsmath mathematics markup when using amsmath.* 2019-03-12. Version 0.20. LICENSE: lppl. This package inhibits the usage of plain T<sub>E</sub>X and (on demand) of standard L<sup>A</sup>T<sub>E</sub>X mathematics environments. This is useful for class writers who want to encourage their users to use the environments provided by the package.  
 URL: <https://ctan.org/pkg/onlyamsmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onlyamsmath>
  - *The repeatindex package. Repeat items in an index after a page or column break.* 2019-03-12. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/repeatindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repeatindex>
- Harders, Harald. *The slantsc package. Access different-shaped small-caps fonts.* 2019-03-12. Version 2.11. LICENSE: lppl. This package enables the use of small capitals in different font shapes, e.g., slanted or bold slanted for all fonts that provide appropriate font

- shapes. (Note that a separate file is needed to define font shapes such as ‘scsl’ or ‘scit’.)  
 URL: <https://ctan.org/pkg/slantsc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slantsc>
- *The subfloat package. Sub-numbering for figures and tables.* 2019-03-12. Version 2.14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/subfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subfloat>
  - *The substr package. Deal with substrings in strings.* 2019-03-12. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/substr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/substr>
  - *The ttf-howto package. Using TrueType fonts with T<sub>E</sub>X systems.* 2019-03-12. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ttf-howto>  
 MIRROR: <https://mirror.ctan.org/info/TrueType>
  - *The typogrid package. Print a typographic grid.* 2019-03-12. Version 0.21. LICENSE: lppl  
 URL: <https://ctan.org/pkg/typogrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typogrid>
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 URL: <https://ctan.org/pkg/warning>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warning>
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 URL: <https://ctan.org/pkg/contour>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/contour>
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- Hardy, Lucien. *The duotenzor package. Drawing package for circuit and duotensor diagrams.* 2016-06-24. Version 1.00. LICENSE: lppl1.3.  
 This is a drawing package for circuit and duotensor diagrams within L<sup>A</sup>T<sub>E</sub>X documents. It consists of about eighty commands, calling on for support.  
 URL: <https://ctan.org/pkg/duotenzor>  
 MIRROR: <https://mirror.ctan.org/graphics/duotenzor>
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 URL: <https://ctan.org/pkg/libris>  
 MIRROR: <https://mirror.ctan.org/fonts/libris>
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 URL: <https://ctan.org/pkg/venturisadf>  
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 URL: <https://ctan.org/pkg/cmcyralt-ltx>  
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 URL: <https://ctan.org/pkg/messagebubbles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/messagebubbles>



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URL: <https://ctan.org/pkg/setspace>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspace>
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URL: <https://ctan.org/pkg/bibbuild>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/BibBuild>
- Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation*. 2016-06-24. LICENSE: pd. A document describing the parameterisation of least-squares curve fitting, and showing how (using `)` to display error bars.  
URL: <https://ctan.org/pkg/maad>  
MIRROR: <https://mirror.ctan.org/info/maad>
- Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting*. 2016-06-24. LICENSE: other-free. Provides two new commands: `and` for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.  
URL: <https://ctan.org/pkg/nestquot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
- Hart, William. *The harnon-cv package. A CV document class with a vertical timeline for experience*. 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/harnon-cv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harnon-cv>
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- Hasan, Adib. *The latexbangla package. Enhanced L<sup>A</sup>T<sub>E</sub>X integration for Bangla*. 2020-06-07. Version 0.2. LICENSE: lpl1.3  
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MIRROR: <https://mirror.ctan.org/language/bengali/latexbangla>
- Hassel, Frank. *The bdfchess package. Typeset correspondence chess games*. 2016-06-24. Version 1.2. LICENSE: nosell. A L<sup>A</sup>T<sub>E</sub>X (2.09) package for managing rules and considertimes of chess games, according to the rules of the International Correspondence Chess Federation. In addition the package will typeset games in progress, and the correspondence postcards, using the fonts, etc., of the package.  
URL: <https://ctan.org/pkg/bdfchess>  
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- Hassenpflug, Gernot. *The hwkatakana package. Half-width katakana fonts*. 2016-06-24. Version 1.0. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/obsolete/fonts/hwkatakana>
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URL: <https://ctan.org/pkg/glossaries-nynorsk>  
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URL: <https://ctan.org/pkg/abstbook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>

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 URL: <https://ctan.org/pkg/mandi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mandi>
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 URL: <https://ctan.org/pkg/gnuplot>  
 MIRROR: <https://mirror.ctan.org/graphics/gnuplot/5.2.6>
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 URL: <https://ctan.org/pkg/brief-t>  
 MIRROR: <https://mirror.ctan.org/support/brief-t>
- Heerden, Derick van. *The obas package. Web based interface to a bibliographical database*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/obas>
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 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
- *The escapeTeX package. Make plain text safe for use in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeX>
  - *The first-packages package. A short list of go-to L<sup>A</sup>T<sub>E</sub>X packages, aimed at a beginner*. 2021-01-02. LICENSE: cc0  
 URL: <https://ctan.org/pkg/first-packages>
  - *The Shaded theorems package. Theorem environments that are shaded*. 2020-01-08. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shadethm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
  - *The style-showcase package. Make a web page to compare styles*. 2016-06-24. Version 1.0.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/style-showcase>  
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 URL: <https://ctan.org/pkg/undergradmath>  
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 URL: <https://ctan.org/pkg/first-latex-doc>  
 MIRROR: <https://mirror.ctan.org/info/first-latex-doc>
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 URL: <https://ctan.org/pkg/latex-doc-ptr>  
 MIRROR: <https://mirror.ctan.org/info/latex-doc-ptr>
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 URL: <https://ctan.org/pkg/bracketkey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>
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 URL: <https://ctan.org/pkg/lookbibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/lookbibtex>
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- possible die faces. The graphic file is provided in both Encapsulated PostScript and PDF formats.  
 URL: <https://ctan.org/pkg/epsdice>  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-3dplot>
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 URL: <https://ctan.org/pkg/aramaic-serto>  
 MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
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 URL: <https://ctan.org/pkg/mxedruli>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/mxedruli>
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 URL: <https://ctan.org/pkg/fancychapters>  
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 URL: <https://ctan.org/pkg/chkfloat>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
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 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>
- *The TeX-FPC package. A collection of change files for a T<sub>E</sub>X system based on Free Pascal*. 2021-04-08. Version 4th ed. LICENSE: bsd2. This is the followup to , which is based on the GNU Pascal Compiler. GPC is not installable any more, so I switched to FPC, not because it is the best but because it is the only pascal compiler nowadays.  
 URL: <https://ctan.org/pkg/tex-fpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-fpc>
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- Hellingman, Jeroen and Anshuman Pandey. *The oriya package. Typesetting the Oriya script using T<sub>E</sub>X.* 2016-06-24. Version 0.99. LICENSE: other-free  
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 MIRROR: <https://mirror.ctan.org/language/oriya>
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 URL: <https://ctan.org/pkg/relenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relenc>
- *The rtkinenc package. Input encoding with fallback procedures.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rtkinenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtkinenc>
- *The tcldoc package. Doc/docstrip for tcl.* 2016-07-19. Version 2.40. LICENSE: lppl. The tcldoc package and class simplify the application of the / style of literate programming with Dr. John Ousterhout's Tool Command Language (Tcl, pronounced "tickle", a.k.a. The Cool Language). The tcldoc package is a bit like the doc package is for L<sup>A</sup>T<sub>E</sub>X, whereas the tcldoc class more parallels the ltxdoc class.  
 URL: <https://ctan.org/pkg/tcldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>
- *The xdoc package. Extending the L<sup>A</sup>T<sub>E</sub>X doc system.* 2016-06-24. Version prot2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xdoc>
- Hellström, Lars, Alan Jeffrey, Sebastian Rahtz, and Ulrik Vieth. *The fontinst package. Help with installing fonts for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2021-03-31. Version 1.933. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concepts>
- *The lt3graph package. Provide a graph datastructure for experimental L<sup>A</sup>T<sub>E</sub>X3.* 2021-03-01. Version 0.1.9. LICENSE: lppl1.3. The package defines a 'graph' data structure, for use in documents that are using the .  
 URL: <https://ctan.org/pkg/lt3graph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>
- *The pkgloader package. Manage the options and loading order of other packages.* 2021-03-01. Version 0.7.0. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>
- *The underoverlap package. Position decorations over and under expressions.* 2021-03-01. Version 0.0.1-r1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/underoverlap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underoverlap>
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 URL: <https://ctan.org/pkg/withargs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/withargs>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>

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 URL: <https://ctan.org/pkg/cmoutlines>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/cmoutlines>
- Henderson, Doug and Scott Pakin. *The dingbat package. Two dingbat symbol fonts*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dingbat>  
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 URL: <https://ctan.org/pkg/mpstoeps>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
- *The pointruler package. 12" Ruler containing Points and Inches*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pointruler>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
- Hendrickson, Anders O. F. *The getitems package. Gathering items from a list-like environment*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This package provides a command to parse a list of data separated by tokens. This makes it easier to define custom environments which structure their data in the same way that or do.  
 URL: <https://ctan.org/pkg/getitems>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getitems>
- *The qrcode package. Generate QR codes in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.51. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcode>
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 URL: <https://ctan.org/pkg/spot>  
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 URL: <https://ctan.org/pkg/moodle>  
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- Henel, Yvon. *The annee-scolaire package. Automatically typeset the academic year (French way)*. 2020-07-29. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/annee-scolaire>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
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 URL: <https://ctan.org/pkg/clefval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clefval>
- *The engpron package. Helps to type the pronunciation of English words*. 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engpron>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engpron>
- *The engrec package. Enumerate with lower- or uppercase Greek letters*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engrec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engrec>
- *The expose-expl3-dunkerque-2019 package. Using expl3 to implement some numerical algorithms*. 2020-04-11. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/expose-expl3-dunkerque-2019>  
 MIRROR: <https://mirror.ctan.org/info/expose-expl3-dunkerque-2019>
- *The modroman package. Write numbers in lower case roman numerals*. 2016-06-24. Version 1. LICENSE: lppl. This package provides only two macros viz. which writes the number given as argument in lower case roman numeral with a ‘j’ instead of a ‘i’ as the final letter of numbers greater than 1 and which writes the value of a counter in the same way. You use the first in the same way as the T<sub>E</sub>X primitive and the second as L<sup>A</sup>T<sub>E</sub>X command . The default option is ‘vpourv’ with which 5 is ‘translated’ as ‘v’ and option ‘upourv’ which the same 5 is given as ‘u’.  
 URL: <https://ctan.org/pkg/modroman>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>



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 URL: <https://ctan.org/pkg/nonumonpart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>
- *The paresse package. Define simple macros for greek letters*. 2021-05-16. Version 5.0.2. LICENSE: lppl1.3c. The package defines macros using to type greek letters so that the user may (for example) type to get the effect of . However, it takes care only of letters which have a macro name like or .  
 URL: <https://ctan.org/pkg/paresse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paresse>
  - *The simples-matrices package. Define matrices by given list of values*. 2022-07-03. Version 1.0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/simples-matrices>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>
  - *The tdsfrmath package. Macros for French teachers of mathematics*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tdsfrmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yagusylo>
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 URL: <https://ctan.org/pkg/drac>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drac>
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 URL: <https://ctan.org/pkg/tpic2pdf<sub>tex</sub>>  
 MIRROR: <https://mirror.ctan.org/graphics/tpic2pdf<sub>tex</sub>>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makeglos>
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 URL: <https://ctan.org/pkg/bpolynomial>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
- *The mcaption package. Put captions in the margin*. 2016-06-24. Version 3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcaption>
  - *The mpcolornames package. Extend list of predefined colour names for MetaPost*. 2018-01-06. Version 0.20. LICENSE: lppl. The format provides only five built-in colour names (variables), all of which are defined in the RGB model: red, green and blue for the primary colours and black and white. The package makes more than 500 colour names from different colour sets in different colour models available to MetaPost. Colour sets include X11, SVG, DVIPS and specifications.  
 URL: <https://ctan.org/pkg/mpcolornames>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>
  - *The semioneside package. Put only special contents on left-hand pages in two sided layout*. 2016-06-24. Version 0.41. LICENSE: lppl  
 URL: <https://ctan.org/pkg/semioneside>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semioneside>
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 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/spelling>

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 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
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 URL: <https://ctan.org/pkg/vc>  
 MIRROR: <https://mirror.ctan.org/support/vc>
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 URL: <https://ctan.org/pkg/latex2rtf>  
 MIRROR: <https://mirror.ctan.org/support/latex2rtf>
- Henningsen, Arne and Randall Wigle. *The economic package. BibTeX support for submitting to Economics journals.* 2017-04-18. LICENSE: lppl. The bundle offers macros and BibTeX styles for the American Economic Review (AER), the American Journal of Agricultural Economics (AJAE), the Canadian Journal of Economics (CJE), the European Review of Agricultural Economics (ERAE), the International Economic Review (IER) and Economica. The macro sets are based on (and require) the package, and all provide variations of author-date styles of presentation.  
 URL: <https://ctan.org/pkg/economic>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic>
- Hensel, Martin. *The mhchem package. Typeset chemical formulae/equations and H and P statements.* 2021-12-31. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mhchem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mhchem>
- Herspers, Sascha. *The tokenizer package. A tokenizer.* 2016-06-24. Version 1.1.0. LICENSE: lppl. A tokenizer for L<sup>A</sup>T<sub>E</sub>X. splits source into two tokens at the first encounter of a comma. The first token is saved in a newly created command with the name passed as and the second token likewise. A package option “ causes leading and trailing space to be removed from each token; with this option, the command is defined, which removes leading and trailing spaces from its argument.  
 URL: <https://ctan.org/pkg/tokenizer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tokenizer>
- Herrb, Mathieu. *The these package. Bibliography style for French theses.* 2016-06-24. LICENSE: other-free. The style is derived from the standard , with keywords translated and styles converted to French conventions.  
 URL: <https://ctan.org/pkg/these>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/these.bst>
- Herz-Fischler, Roger. *The do-it-yourself-tex package. Back to Plain XeTeX.* 2019-03-19. Version 1.3. LICENSE: pd  
 URL: <https://ctan.org/pkg/do-it-yourself-tex>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/plain/do-it-yourself-tex>
- Heslin, Peter J. *The ellipsis package. Fix uneven spacing around ellipses in L<sup>A</sup>T<sub>E</sub>X text mode.* 2020-06-04. Version 1.8. LICENSE: lppl1.3c. This is a simple package that fixes a problem in the way L<sup>A</sup>T<sub>E</sub>X handles ellipses: it always puts a tiny bit more space after in text mode than before it, which results in the ellipsis being off-center when used between two words.  
 URL: <https://ctan.org/pkg/ellipsis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ellipsis>
- *The ibycus-babel package. Use the Ibycus 4 Greek font with Babel.* 2016-06-24. Version 3.0. LICENSE: lppl. The package allows you to use the Ibycus 4 font for ancient Greek with Babel. It uses a Perl script to generate hyphenation patterns for Ibycus from those for the ordinary Babel encoding, . It sets up as a pseudo-language you can specify in the normal Babel manner. For proper hyphenation of Greek quoted in mid-paragraph, you should use it with (all current distributions of L<sup>A</sup>T<sub>E</sub>X are built with , so the constraint should not be onerous).  
 URL: <https://ctan.org/pkg/ibycus-babel>  
 MIRROR: <https://mirror.ctan.org/language/greek/ibycus-babel>
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 URL: <https://ctan.org/pkg/t1utils>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/t1utils>
- Hetland, Magnus Lie. *The abspos package. Absolute placement with coffins.* 2022-09-24. Version 0.1. LICENSE: mit  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abspos>

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 URL: <https://ctan.org/pkg/pseudo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pseudo>
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 URL: <https://ctan.org/pkg/skeldoc>  
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- Heuer, Johannes. *The la package. School handwriting fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/la>  
 MIRROR: <https://mirror.ctan.org/fonts/la>
- Heyl, Udo. *The china2e package. Font and macros for Chinese calendar.* 2019-06-21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/china2e>  
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- *The morse package. Support for printing Morse code signs.* 2016-06-24. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/morse>  
 MIRROR: <https://mirror.ctan.org/fonts/morse>
- Hicks, Stephen. *The inlinedef package. Inline expansions within definitions.* 2016-06-24. Version 1.0. LICENSE: lppl. The package provides a macro that precedes a or . Within the definition text of an inlined definition, keywords such as may be used to selectively inline certain expansions at definition-time. This eases the process of redefining macros in terms of the original definition, as well as definitions in which the token that must be expanded is deep within, where would be difficult and is not suitable. Another application is as an easier version of , by defining a macro in terms of expanded local variables, then ending the group with .  
 URL: <https://ctan.org/pkg/inlinedef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinedef>
- *The marginfix package. Patch \marginpar to avoid overfull margins.* 2020-05-07. Version 1.2. LICENSE: lppl. Authors using L<sup>A</sup>T<sub>E</sub>X to typeset books with significant margin material often run into the problem of long notes running off the bottom of the page. A typical workaround is to insert commands by hand, but this is a tedious process that is invalidated when pagination changes. Another workaround is 's function, but this can be unsatisfying for short textual notes, and standard marginpars cannot be mixed with sidebars. This package implements a solution to make marginpars “just work” by keeping a list of floating inserts and arranging them intelligently in the output routine.  
 URL: <https://ctan.org/pkg/marginfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginfix>
- Hilbig, André. *The bewerbung package. Typesetting job applications.* 2022-01-17. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bewerbung>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bewerbung>
- *The gitfile-info package. Get git metadata for a specific file.* 2019-08-21. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gitfile-info>  
 MIRROR: <https://mirror.ctan.org/support/gitfile-info>
- Hilbrich, Torsten. *The bbm-macros package. L<sup>A</sup>T<sub>E</sub>X support for “blackboard-style” cm fonts.* 2016-06-24. LICENSE: lppl. Provides L<sup>A</sup>T<sub>E</sub>X support for . Declares a font family bbm so you can in principle write running text in blackboard bold, and lots of math alphabets for using the fonts within maths.  
 URL: <https://ctan.org/pkg/bbm-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bbm>
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 URL: <https://ctan.org/pkg/chem-journal>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal>
- Hill, Jörg-Rüdiger and Antonio Cervellino. *The jcc package. BibTeX style file for J. Comp. Chem.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jcc>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal/jcc.bst>
- Hillebrand, Thomas. *The hexdump package. Read and typeset ASCII hexdump files.* 2016-06-24. Version 0.1. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/hexdump>  
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- Hilléreau, Mael. *The alphabib package. Add alphabetical headers into citations.* 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/alphabib>  
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 MIRROR: <https://mirror.ctan.org/support/shlatex>
- Himmelman, Maurizio W., Emiliano Giovanni Vavassori, and Fabiano Busdraghi. *The GuIT-corso package. Introduzione al mondo di L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/guit-corso>  
 MIRROR: [https://mirror.ctan.org/info/italian/GuIT/corso\\_guit](https://mirror.ctan.org/info/italian/GuIT/corso_guit)
- Hinque, Christian. *The theatre package. A sophisticated package for typesetting stage plays.* 2017-09-22. Version 0.1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/theatre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/theatre>
- Hinrichs, Adrian C. *The cheatsheet package. A simple cheatsheet class.* 2017-08-20. Version 0.8. LICENSE: mit. The package provides a clean, multi-column design intended for cheat sheets. It imports the most useful packages and encloses the document in a environment.  
 URL: <https://ctan.org/pkg/cheatsheet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cheatsheet>
- Hirschhorn, Philip S. *The amslatex-primer package. Getting up and running with AMS-LaTeX.* 2018-01-06. Version 2.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/amslatex-primer>  
 MIRROR: <https://mirror.ctan.org/info/amslatex/primer>
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 URL: <https://ctan.org/pkg/exam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exam>
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 URL: <https://ctan.org/pkg/hmtrump>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/hmtrump>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathexam>
- Hòa, Thái Phú Khánh. *The free-math-font-survey-vn package. The survey of available free Mathematics fonts, translated to Vietnamese.* 2016-06-24. LICENSE: lppl. This is a translation to Vietnamese of Stephen Hartke's .  
 URL: <https://ctan.org/pkg/free-math-font-survey-vn>  
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 URL: <https://ctan.org/pkg/mpman-ru>  
 MIRROR: <https://mirror.ctan.org/info/metapost/doc/russian/mpman-ru>
- Hoekwater, Taco. *The calendarweek package. Calculate the week number of a date.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/calendarweek>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/calendarweek.tex>
- *The context-URWGothic package. ConTeXt support for URW Gothic.* 2022-03-22. LICENSE: pd  
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathinst>
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 MIRROR: <https://mirror.ctan.org/fonts/poetica>
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 URL: <https://ctan.org/pkg/luaxml>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
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 URL: <https://ctan.org/pkg/dblfloatfix>  
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 URL: <https://ctan.org/pkg/mh>
  - *The xfrac package. Split-level fractions in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>\*.* 2022-06-22. LICENSE: lppl1.3c  
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 URL: <https://ctan.org/pkg/apeqnum>  
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- *The resumemac package. Plain T<sub>E</sub>X macros for resumé.* 2016-06-24. LICENSE: pd  
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- *The TeX-mag package. An on-line T<sub>E</sub>X magazine.* 2016-06-24. LICENSE: digest  
 URL: <https://ctan.org/pkg/tex-mag>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
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 MIRROR: <https://mirror.ctan.org/support/extractpdfmark>
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 URL: <https://ctan.org/pkg/haranoaji>  
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 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidishadowtext>
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 MIRROR: <https://mirror.ctan.org/systems/parsitex>
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 URL: <https://ctan.org/pkg/roundbox>  
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URL: <https://ctan.org/pkg/tram>  
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 URL: <https://ctan.org/pkg/knuth-base>  
 MIRROR: <https://mirror.ctan.org/systems/knuth>
  - *The knuth-dist package. The current state of Knuth’s contributions*. 2021-02-10. LICENSE: knuth,pd  
 URL: <https://ctan.org/pkg/knuth-dist>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist>
  - *The knuth-errata package. Knuth’s published errata*. 2021-04-03. LICENSE: knuth  
 URL: <https://ctan.org/pkg/knuth-errata>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/errata>
- Knuth, Donald E. *The knuth-letter package. Knuth’s example letter macros*. 2021-03-09. LICENSE: knuth. These are Knuth’s own letter macros. Documentation is entirely missing from the archive, but the macros are discussed in some detail in the T<sub>E</sub>Xbook (which says it is describing ).

- URL: <https://ctan.org/pkg/knuth-letter>
- MIRROR: <https://mirror.ctan.org/systems/knuth/local/lib/letterformat.tex>
- *The knuth-lib package.* Core  $\TeX$  and Metafont sources from Knuth. 2021-02-27. LICENSE: knuth
- URL: <https://ctan.org/pkg/knuth-lib>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/lib>
- *The knuth-local package.* Knuth's local information. 2021-03-09. LICENSE: pd. A collection of experimental programs and developments based on, or complementary to, the matter in his .
- URL: <https://ctan.org/pkg/knuth-local>
- MIRROR: <https://mirror.ctan.org/systems/knuth/local>
- *The list package.* List ASCII text files. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/list>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/list.tex>
- *The llist package.* List ASCII text files in landscape. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/llist>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/llist.tex>
- *The Metafont package.* A system for specifying fonts. 2022-02-01. Version 2.71828182. LICENSE: knuth
- URL: <https://ctan.org/pkg/metafont>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf>
- *The mfbook package.* The source of The Metafontbook. 2021-02-09. LICENSE: other-nonfree
- URL: <https://ctan.org/pkg/mfbook>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf/mfbook.tex>
- *The picmac package.* A picture mode in Plain  $\TeX$ . 2016-11-06. LICENSE: knuth
- URL: <https://ctan.org/pkg/picmac>
- MIRROR: <https://mirror.ctan.org/systems/knuth/local/lib/picmac.tex>
- *The plain package.* The Plain  $\TeX$  format. 2016-11-06. Version 3.141592653. LICENSE: knuth
- URL: <https://ctan.org/pkg/plain>
- MIRROR: <https://mirror.ctan.org/macros/plain/base>
- *The ransom package.* A "very bad typewriter" font. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/ransom>
- MIRROR: <https://mirror.ctan.org/fonts/ransom>
- *The selectpage package.* Select pages to be output from a document. 2020-04-11. LICENSE: knuth
- URL: <https://ctan.org/pkg/selectpage>
- MIRROR: <https://mirror.ctan.org/macros/generic/misc/selectpage.tex>
- *The tangle package.* Generate compilable source from web. 2021-02-09. Version 4.6. LICENSE: knuth. This is the component of Knuth's that produces a compilable source from the web representation of a program.
- URL: <https://ctan.org/pkg/tangle>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/tangle.web>
- *The testfont package.* A testbed for font evaluation. 2016-06-24. LICENSE: knuth. This file (part of the distribution) allows the user to select fonts and to perform a number of evaluation tests, from simple font tables through to elaborate pattern samples.
- URL: <https://ctan.org/pkg/testfont>
- MIRROR: <https://mirror.ctan.org/macros/plain/base/testfont.tex>
- *The TeX package.* A sophisticated typesetting engine. 2022-02-01. Version 3.141592653. LICENSE: knuth
- URL: <https://ctan.org/pkg/tex>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex>
- *The texbook package.* The source of The  $\TeX$ book. 2021-02-09. LICENSE: other-nonfree
- URL: <https://ctan.org/pkg/texbook>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex/texbook.tex>
- *The texware package.* Utility programs for use with  $\TeX$ . 2021-08-26. LICENSE: pd
- URL: <https://ctan.org/pkg/texware>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/texware>
- *The twocolumns package.* Knuth's two-column output macros. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/twocolumns>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2columns.mac>
- Knuth, Donald E. *The vf-knuth package.* Knuth on virtual fonts. 2021-08-26. LICENSE: knuth
- URL: <https://ctan.org/pkg/vf-knuth>
- MIRROR: <https://mirror.ctan.org/info/knuth/virtual-fonts>



- *The vfware package. Tools for virtual font metrics.* 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/vfware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/etc>
- *The weave package. Generate  $\TeX$  source from web.* 2021-02-09. Version 4.5. LICENSE: knuth. This is the component of Knuth's that produces  $\TeX$  input from the web representation of a program, ready for typesetting.  
URL: <https://ctan.org/pkg/weave>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/weave.web>
- *The web package. The original literate programming system.* 2016-06-24. Version 4.5. LICENSE: knuth. The system processes 'web' files in two ways: firstly to rearrange them to produce compilable code (using the program), and secondly to produce a  $\TeX$  source (using the program) that may be typeset for comfortable reading.  
URL: <https://ctan.org/pkg/web>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web>
- Knuth, Donald E. and Rohit Grover. *The punk package. Donald Knuth's punk font.* 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/punk>  
MIRROR: <https://mirror.ctan.org/fonts/punk>
- Knuth, Donald E. and Taco Hoekwater. *The manual package. Knuth's "manual" fonts.* 2016-11-05. LICENSE: knuth. Metafont (by Donald Knuth) and Adobe Type 1 (by Taco Hoekwater) versions of the font containing the odd symbols Knuth uses in his books.  $\LaTeX$  support is available using the package  
URL: <https://ctan.org/pkg/manual>  
MIRROR: <https://mirror.ctan.org/fonts/manual>
- *The mlogo-font package. Metafont logo font.* 2022-02-01. Version 1.002. LICENSE: knuth  
URL: <https://ctan.org/pkg/mlogo-font>  
MIRROR: <https://mirror.ctan.org/fonts/mlogo>
- Knuth, Donald E., Leslie Lamport, Pierre A. MacKay, Richard Schwartz, and Michael Melliar-Smith. *The latex-fonts package. A collection of fonts used in  $\LaTeX$  distributions.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/latex-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/latex>
- Knuth, Donald E., Tom Rokicki, and David R. Fuchs. *The mfware package. Supporting tools for use with Metafont.* 2021-08-26. LICENSE: pd. A collection of programs (as web source) for processing the output of .  
URL: <https://ctan.org/pkg/mfware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mfware>
- Knuth, Donald E., Andreas Scherer, and Silvio Levy. *The cweb package. A Web system in C.* 2022-06-06. Version 4.8. LICENSE: knuth  
URL: <https://ctan.org/pkg/cweb>  
MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cweb](https://mirror.ctan.org/web/c_cpp/cweb)
- Knuutila, Timo. *The tpcmfnt package. Computer modern fonts in "true point sizes".* 2016-06-24. Version 1.1. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/tpcmfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tpcmfont>
- Koch, Dick. *The texshop package. TeX front end for use on MacOS X.* 2018-01-10. Version 3.96. LICENSE: gpl. TeXShop is a  $\TeX$  previewer for Mac OS X, written in Cocoa.  $\TeX$ Shop uses and in its default configuration, to conform with Mac OS X's predilection for PDF.  
URL: <https://ctan.org/pkg/texshop>  
MIRROR: <https://mirror.ctan.org/support/texshop>
- Kocic, Mikica. *The xcpdftips package. Natbib citations with PDF tooltips.* 2019-05-01. Version 1.1. LICENSE: gpl3+. This  $\LaTeX$  package uses and to surround citations with PDF tooltips.  
URL: <https://ctan.org/pkg/xcpdftips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcpdftips>
- Kockaert, Pascal. *The psfrag package. A psfrag eXtension.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/psfragx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psfragx>
- Koellner, Armin. *The VSlitex package. Virtual invisible fonts for use with  $\LaTeX$  Slides class.* 2016-06-24. Version 0.4. LICENSE: noinfo. The  $\LaTeX$  2.09-based program SliTeX, and the corresponding  $\LaTeX$  class, use invisible fonts when producing multi-coloured overlays on foils. SliTeX distributions included a set of invisible versions of the Metafont sources of the Computer Modern fonts (an odd concept, but it worked). The present bundle provides a (somewhat more intellectually satisfying) set of virtual fonts that provide the same information (i.e., effectively metrics only) without the need to compile a Metafont source to get it.  
URL: <https://ctan.org/pkg/vslitex>  
MIRROR: <https://mirror.ctan.org/fonts/vf-files/vslitex>

- Kohler, Eddie. *The LCDf-typetools package. A bundle of outline font manipulation tools.* 2020-02-20. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lcdf-typetools>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
- *The mmafm package. Font metrics for multiple-master font.* 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmafm>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmpfb package. Create instance of multiple-master font.* 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmpfb>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmttools package. Multiple master fonts tools.* 2017-04-18. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmttools>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/utilities/mmttools>
- Köhler, Andreas. *The Mid2TeX/Free package. Convert MIDI to MusicTeX input.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mid2tex>  
 MIRROR: <https://mirror.ctan.org/support/mid2tex>
- Kohlhase, Michael. *The dfghproposal package. Support for writing proposals to the DFG.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dfghproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- *The ed package. Editorial Notes for L<sup>A</sup>T<sub>E</sub>X documents.* 2017-04-18. Version 1.8. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/ed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ed>
  - *The errata package. Error markup for L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 0.3. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/errata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/errata>
  - *The euproposal package. A class for preparing FP7 proposals.* 2016-06-24. Version 0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/euproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
  - *The proposal package. A set of L<sup>A</sup>T<sub>E</sub>X classes for preparing proposals for collaborative projects.* 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/proposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- Kohlhase, Michael and Dennis Müller. *The sTeX package. An Infrastructure for Semantic Preloading of L<sup>A</sup>T<sub>E</sub>X Documents.* 2022-09-14. Version 3.2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/stex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stex>
- Kohm, Markus. *The gridset package. Grid, a.k.a. in-register, setting.* 2020-02-12. Version 0.3. LICENSE: lppl1.3c. Grid setting — also known as strict in-register setting — is something, that should be done for a lot of documents but is not easy using L<sup>A</sup>T<sub>E</sub>X. The package helps to get the information needed for grid setting. It does not implement auto grid setting, but there is a command , that moves to the next grid position. This may be enough under some circumstances, but in other circumstances it may fail. Thus gridset is only one more step for grid setting, not a complete solution.  
 URL: <https://ctan.org/pkg/gridset>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridset>
- *The GS1 package. Typeset EAN barcodes using T<sub>E</sub>X rules, only.* 2021-06-18. Version 23. LICENSE: lppl1.3c. The (LaTeX3) package typesets EAN-8 and EAN-13 barcodes, using the facilities of the package.  
 URL: <https://ctan.org/pkg/gs1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gs1>
  - *The koma-script package. A bundle of versatile classes and packages.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/koma-script>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The koma-script-examples package. Examples from the KOMA-Script book.* 2022-07-04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/koma-script-examples>  
 MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-6>
  - *The koma-script-examples-3 package. Examples from the 3rd edition of the KOMA-Script book.* 2022-07-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/koma-script-examples-3>  
 MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-3>
- Kohm, Markus. *The koma-script-examples-4 package. Examples from the 4th edition of the KOMA-Script book.* 2022-07-04. LICENSE: lppl

- URL: <https://ctan.org/pkg/koma-script-examples-4>
- MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-4>
- *The koma-script-examples-5 package. Examples from the 5th edition of the KOMA-Script book.* 2022-07-04. LICENSE: lppl
- URL: <https://ctan.org/pkg/koma-script-examples-5>
- MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-5>
- *The koma-script-obsolete package. Deprecated packages from koma-script.* 2022-07-04. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/koma-script-obsolete>
- MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
- *The luaindex package. Create index using LuaLaTeX.* 2016-06-24. Version 0.1b. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/luaindex>
- MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaindex>
- *The makelabels package. Add a ‘\makelabels’ feature to KOMA-Script letter classes and package.* 2021-08-21. Version 1.0. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/makelabels>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makelabels>
- *The marginnote package. Notes in the margin, even where \marginpar fails.* 2018-08-09. Version 1.4b. LICENSE: lppl1.3c. This package provides the command that may be used instead of at almost every place where cannot be used, e.g., inside floats, footnotes, or in frames made with the package.
- URL: <https://ctan.org/pkg/marginnote>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginnote>
- *The normalcolor package. Changing \normalcolor.* 2016-11-16. Version r11. LICENSE: lppl1.3. This package provides a command with the same syntax as the command either of package or of package . However, will not change the colour but the / color.
- URL: <https://ctan.org/pkg/normalcolor>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/normalcolor>
- *The pfarrei package. L<sup>A</sup>T<sub>E</sub>X support of pastors’ and priests’ work.* 2016-06-24. Version r36. LICENSE: lppl1.3. In “Die T<sub>E</sub>Xnische Komödie” (issue 1/2013) Christian Justen described his use of L<sup>A</sup>T<sub>E</sub>X in his work as priest (similar requirements may be encountered in the work of pastors and other ministers of religion). One point was to arrange A5 pages onto A4 landscape paper, either side-by-side or as a booklet. Justen made two bash scripts for this job; the package provides one texlua script for both requirements. (Note that file should have execute permissions in any installation.)
- URL: <https://ctan.org/pkg/pfarrei>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pfarrei>
- *The rule-d package. Provide L<sup>A</sup>T<sub>E</sub>X3 commands for typesetting rules.* 2021-06-18. Version 23. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/rule-d>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gs1>
- *The scraddr package. Provide data from scrlettr2’s address files.* 2022-07-04. Version 1.1d. LICENSE: lppl1.3c. The package is a part of the suite. The package uses adr-files to generate circular letters. The package provides commands to read the adr-files and to use the data of the address entries, not only with class and not only for circular letters.
- URL: <https://ctan.org/pkg/scraddr>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrartcl package. KOMA-Script ‘article’ class.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/scrartcl>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrbase package. Provide basic features for KOMA-Script.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/scrbase>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrbook package. KOMA-Script ‘book’ class.* 2022-10-12. Version 3.38. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/scrbook>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrdate package. Calendar date operations.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/scrdate>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrextend package. Use of components of KOMA-Script by other packages.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/scrextend>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- Kohm, Markus. *The scrjura package. Koma-Script support for lawyers, etc.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrjura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer package. Manage text ‘layers’ within Koma-Script.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c. The package is part of the , and provides control of ‘background’ and ‘foreground’ layers for a page style description.  
 URL: <https://ctan.org/pkg/sclayer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The sclayer-fancyhdr package. Combining package fancyhdr with KOMA-Script’s sclayer.* 2022-07-08. Version 0.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sclayer-fancyhdr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sclayer-fancyhdr>
  - *The sclayer-notecolumn package. Control note columns parallel to the main text.* 2022-07-04. Version 0.3.3915. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sclayer-notecolumn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The sclayer-scrpage package. Define and manage page styles.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c. This package is the part of the bundle that provides an end user interface to , allowing the user to define and manage page styles by controlling page headers and footers. The end user interface is compatible enough to that of the earlier package, so that users should easily be able to switch from the older package to the newer, more powerful, one.  
 URL: <https://ctan.org/pkg/sclayer-scrpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scletter package. Letter extension to KOMA-Script classes.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The sclfile package. Installation control for koma-script packages.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sclfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The sclttr2 package. KOMA-Script ‘letter’ class.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sclttr2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrpage2 package. Control of page headers and footers in L<sup>A</sup>T<sub>E</sub>X.* 2022-07-04. Version 3.30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrpage2>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The scrreprt package. KOMA-Script ‘report’ class.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrreprt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrtime package. Show the time of a L<sup>A</sup>T<sub>E</sub>X run.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrtime>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrwfile package. Use L<sup>A</sup>T<sub>E</sub>X .aux file in place of \newwrite files.* 2022-10-12. Version 0.1.11. LICENSE: lppl1.3c. The package provides a means of sending all L<sup>A</sup>T<sub>E</sub>X , table of contents, and other miscellaneous output via the L<sup>A</sup>T<sub>E</sub>X file. The mechanism subverts the mechanism of , and means there will never be a “No room for new ” message.  
 URL: <https://ctan.org/pkg/scrwfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
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URL: <https://ctan.org/pkg/floatrow>  
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  - *The tablists package. Tabulated lists of short items*. 2016-06-24. Version 0.0e. LICENSE: lppl. This package offers environments and commands for one-level and two-level lists of short items (e.g., exercises in textbooks). The environments support optional arguments of item numbering similar to the or packages.  
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MIRROR: [https://mirror.ctan.org/support/comment\\_io](https://mirror.ctan.org/support/comment_io)
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URL: <https://ctan.org/pkg/simplecv>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/latvian>
- Lasou, Pierre and Vincent Goulet. *The ulthese package. Thesis class and templates for Université Laval*. 2021-08-10. Version 5.3a. LICENSE: lppl1.3c. The package provides a class based on to prepare theses and memoirs compliant with the presentation rules set forth by the Faculty of Graduate Studies of Université Laval, Québec, Canada. The class also comes with an extensive set of templates for the various types of theses and memoirs offered at Laval. Please note that the documentation for the class and the comments in the templates are all written in French, the language of the target audience.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ulthese>
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- *The shdoc package. Float environment to document the shell commands of a terminal session*. 2016-09-04. Version 2.1b. LICENSE: lppl1.3

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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-karnaugh>
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URL: <https://ctan.org/pkg/tikz-ladder>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ladder>
  - *The tikz-relay package. TikZ library for typesetting electrical diagrams*. 2022-08-07. Version 1.3. LICENSE: lppl1  
URL: <https://ctan.org/pkg/tikz-relay>  
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  - *The tikz-sfc package. Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)*. 2018-12-15. Version 1.0.1. LICENSE: lppl1  
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URL: <https://ctan.org/pkg/vdmlisting>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vdmlisting>
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URL: <https://ctan.org/pkg/pbox>  
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- Law, Simon, Andreas Tille, and Sebastian Tannert. *The circ package. Macros for typesetting circuit diagrams*. 2022-04-06. Version 1.1. LICENSE: gpl  
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- Lawrence, Scott. *The vgrid package. Overlay a grid on the printed page*. 2016-06-24. Version 0.1. LICENSE: lppl1.3. The package overlays a grid (whose spacing is , which offers guidelines for considering the “rhythm” of the document on the page.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vgrid>
- Leangsuksun, Chokchai. *The mctex package. Convert VAXIMA output to (La)TeX code*. 2016-06-24. LICENSE: noinfo  
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- Leclaire, Maurice. *The minidocument package. Creates miniature documents inside other L<sup>A</sup>T<sub>E</sub>X documents*. 2018-01-07. Version 1.0. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/kotex-utf>  
 MIRROR: <https://mirror.ctan.org/language/korean/kotex-utf>
  - *The kotex-utils package. Utility scripts and support files for typesetting Korean*. 2016-06-24. Version 2.1.0. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/language/korean/kotex-utils>
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 URL: <https://ctan.org/pkg/kotex-oblivoir>  
 MIRROR: <https://mirror.ctan.org/language/korean/kotex-oblivoir>
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- *The xcjk2uni package. Convert CJK characters to Unicode, in pdfTeX*. 2020-05-01. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xcjk2uni>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcjk2uni>
  - *The xpinyin package. Automatically add pinyin to Chinese characters*. 2022-07-14. Version 3.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xpinyin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xpinyin>
  - *The zhnumber package. Typeset Chinese representations of numbers*. 2022-07-14. Version 3.0. LICENSE: lppl1.3c. The package provides commands to typeset Chinese representations of numbers. The main difference between this package and is that the commands provided are expandable in the ‘proper’ way.  
 URL: <https://ctan.org/pkg/zhnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zhnumber>
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 URL: <https://ctan.org/pkg/ctex>  
 MIRROR: <https://mirror.ctan.org/language/chinese/ctex>
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 URL: <https://ctan.org/pkg/xecjk>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xecjk>
- Lee, Robert J. *The arraysort package. Sort arrays (or portions of them)*. 2016-06-24. Version 1.0. LICENSE: lppl1.2. The package provides a mechanism for sorting arrays (or portions of them); the arrays should have been created using the package.

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URL: <https://ctan.org/pkg/gamebooklib>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gamebooklib>
- *The macroswap package. Swap the definitions of two L<sup>A</sup>T<sub>E</sub>X macros.* 2016-06-24. Version 1.1. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/macroswap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/macroswap>
  - *The rjlparsnap package. Support for use of \parsnap in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: lppl1.2. The package provides macros and environments that relieve the programmer of some of the difficulties of using in L<sup>A</sup>T<sub>E</sub>X macros. It does actually calculate shapes in the way that the package does.  
URL: <https://ctan.org/pkg/rjlparsnap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rjlparsnap>
- Lee, Zeping. *The citation-style-language package. Bibliography formatting with Citation Style Language.* 2022-09-23. Version 0.2.2. LICENSE: mit,cc-by-sa-3. The (CSL) is an XML-based language that defines the formats of citations and bibliography. There are currently thousands of styles in CSL including the most widely used APA, Chicago, Vancouver, etc. The citation-style-language package is aimed to provide another reference formatting method for L<sup>A</sup>T<sub>E</sub>X that utilizes the CSL styles. It contains a citation processor implemented in pure Lua () which reads bibliographic metadata and performs sorting and formatting on both citations and bibliography according to the selected CSL style. A L<sup>A</sup>T<sub>E</sub>X package () is provided to communicate with the processor.  
URL: <https://ctan.org/pkg/citation-style-language>  
MIRROR: <https://mirror.ctan.org/biblio/citation-style-language>
- *The gbt7714 package. BibTeX implementation of China's bibliography style standard GB/T 7714-2015.* 2022-10-03. Version 2.1.5. LICENSE: lppl1.3c. The package provides a BibTeX implementation for the Chinese national bibliography style standard GB/T 7714-2015. It consists of two files for numerical and author-year styles as well as a L<sup>A</sup>T<sub>E</sub>X package which provides the citation style defined in the standard. The package is compatible with and supports language detection (Chinese and English) for each bibliographic entry.  
URL: <https://ctan.org/pkg/gbt7714>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/gbt7714>
- Leeman, George B. *The ibmres-tex package. A semi-automated approach to the production of resumes.* 2016-06-24. Version 1.01. LICENSE: other-free  
URL: <https://ctan.org/pkg/ibmres-tex>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ibmres-tex>
- Leeuwen, Marc van. *The cwebx package. A system for Structured Software Documentation in C.* 2017-04-18. Version 3.04. LICENSE: knuth. The CWEBx system is a system for Structured Software Documentation (also known as Literate Programming) in the programming language C. It is a derivative of the system by Sylvio Levy and Donald E. Knuth, who originally conceived the idea of Literate Programming; CWEBx is a compatible extension of CWEB.  
URL: <https://ctan.org/pkg/cwebx>  
MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cwebx](https://mirror.ctan.org/web/c_cpp/cwebx)
- Leffler, Sam. *The tiff package. The tiff graphics package.* 2018-10-03. Version 3.4. LICENSE: other-free  
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- Lehman, Philipp. *The fontinstallationguide package. Font installation guide.* 2021-06-30. Version 2.14. LICENSE: fdl  
URL: <https://ctan.org/pkg/fontinstallationguide>  
MIRROR: <https://mirror.ctan.org/info/Type1fonts/fontinstallationguide>
- *The logreq package. Support for automation of the L<sup>A</sup>T<sub>E</sub>X workflow.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/logreq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/logreq>
  - *The ltxdockit package. Documentation support.* 2016-06-24. Version 1.2d. LICENSE: lppl  
URL: <https://ctan.org/pkg/ltxdockit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxdockit>
  - *The ttf2tex package. Use TrueType fonts with TeX.* 2018-01-06. Version 0.7. LICENSE: gpl  
URL: <https://ctan.org/pkg/ttf2tex>  
MIRROR: <https://mirror.ctan.org/obsolete/support/ttf2tex>
- Lehman, Philipp and Philip Kime. *The BibLaTeX package. Sophisticated Bibliographies in L<sup>A</sup>T<sub>E</sub>X.* 2022-07-12. Version 3.18b. LICENSE: lppl1.3

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex>
- Lehman, Philipp and Joseph Wright. *The csquotes package. Context sensitive quotation facilities*. 2022-09-14. Version 5.2n. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/csquotes>  
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 URL: <https://ctan.org/pkg/dotlessi>  
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 URL: <https://ctan.org/pkg/enumitem>  
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 URL: <https://ctan.org/pkg/esindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esindex>
- *The fixpdmag package*. Fix magnification in pdfTeX. 2016-06-24. LICENSE: pd. A recent change to pdfTeX has caused magnification to apply to page dimensions. This small package changes the values set in the page dimension variables from `to` , thus evading the effects of .  
 URL: <https://ctan.org/pkg/fixpdmag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdmag.tex>
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 URL: <https://ctan.org/pkg/babel-albanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>
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 URL: <https://ctan.org/pkg/babel-dutch>  
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 URL: <https://ctan.org/pkg/babel-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>
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 URL: <https://ctan.org/pkg/babel-interlingua>  
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 URL: <https://ctan.org/pkg/babel-norsk>  
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 URL: <https://ctan.org/pkg/babel-portuges>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
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 URL: <https://ctan.org/pkg/babel-scottish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>
- *The babel-slovenian package. Babel support for typesetting Slovenian.* 2021-02-06. Version 1.2n. LICENSE: lppl1.3. The package provides the language definition file for support of Slovenian in . Several shortcuts are defined, as well as translations to Slovenian of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-slovenian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>
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 URL: <https://ctan.org/pkg/babel-italian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
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 URL: <https://ctan.org/pkg/babel-slovak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
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 URL: <https://ctan.org/pkg/babel-swedish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
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 URL: <https://ctan.org/pkg/babel-romanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
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 URL: <https://ctan.org/pkg/babel-samin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, and Arthur Rosendahl. *The babel-hebrew package. Babel support for Hebrew.* 2019-10-31. Version 2.3h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-hebrew>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>
- López, Javier Bezos, Johannes L. Braams, and Luis Martí. *The babel-esperanto package. Babel support for Esperanto.* 2018-01-13. Version 1.4t. LICENSE: lppl1.3. The package provides the language definition file for support of Esperanto in . Some shortcuts are defined, as well as translations to Esperanto of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-esperanto>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/esperanto>
- López, Javier Bezos, Johannes L. Braams, Elmar Schalück, Michael Janich, and Marcin Woliński. *The babel-polish package. Babel support for Polish.* 2022-03-12. Version 1.3. LICENSE: lppl1.3. The package provides the language definition file for support of



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 URL: <https://ctan.org/pkg/babel-polish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>
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 URL: <https://ctan.org/pkg/babel-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/serbian>
- López, Javier Bezos, Johannes L. Braams, and Eduard Werner. *The babel-sorbian package. Babel support for Upper and Lower Sorbian.* 2021-11-06. Version 1.0j. LICENSE: lppl1.3. The package provides language definitions file for support of both Upper and Lower Sorbian, in . Some shortcuts are defined, as well as translations to the relevant language of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-sorbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish.* 2020-04-20. Version 5.0. LICENSE: mit. This directory is a permanent place for the latest official release of the hyphenation patterns for the Spanish language, valid for , , and , with the tools used to generate them.  
 URL: <https://ctan.org/pkg/hyphen-spanish>  
 MIRROR: <https://mirror.ctan.org/language/spanish/hyphen-spanish>
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 URL: <https://ctan.org/pkg/fonteinf>  
 MIRROR: <https://mirror.ctan.org/info/german/fonteinf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish.* 2021-05-27. Version 5.0q. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>
- López, Joaquín Ataz. *The guía-bibtex package. Guia casi completa de BibTeX.* 2016-06-24. LICENSE: fdl  
 URL: <https://ctan.org/pkg/guia-bibtex>  
 MIRROR: <https://mirror.ctan.org/info/spanish/guia-bibtex>
- López-Valencia, Alejandro and Santafé de Bogotá. *The oztex-fonts package. Fonts packaged for use in OzTeX.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/oztex-fonts>  
 MIRROR: <https://mirror.ctan.org/systems/mac/fonts/oztex>
- Lorenz, Björn. *The neufont package. New font installation.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/neufont>  
 MIRROR: <https://mirror.ctan.org/info/german/neufont.tex>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts.* 2016-06-24. LICENSE: other-free. A set of bibliography styles that conform to DIN 1505, and match the original BibTeX standard set ( , , and ), together with a style to work with .  
 URL: <https://ctan.org/pkg/din1505>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures.* 2018-03-07. Version 0.302. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selnolig>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/selnolig>
- Loreti, Maurizio. *The brushscr package. A handwriting script font.* 2019-07-06. LICENSE: pd. The BrushScript font simulates hand-written characters; it is distributed in Adobe Type 1 format (but is available in italic shape only). The package includes the files needed by LaTeX in order to use that font. The file fully describes the package and illustrates its use.  
 URL: <https://ctan.org/pkg/brushscr>  
 MIRROR: <https://mirror.ctan.org/fonts/brushscr>
- *The bsheaders package. Double-ruled chapter heading style.* 2019-07-06. LICENSE: gpl. The style, inspired by those in a book by Bjarne Stroustrup, implements chapter headers in sans-serif and bounded by lines wide, both above and below the header itself.  
 URL: <https://ctan.org/pkg/bsheaders>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bsheaders>
  - *The lucold package. Use old-style digits with Lucida fonts.* 2021-09-11. LICENSE: gpl. The package provides the means to switch the rendering of all the digits of a document from ‘lining’ to ‘old-style’ numbers, when using Lucida fonts. The switch affects all digits in text mode, or all digits in text and math mode. It works both for normal weight and boldface text and math; since the boldface old-style digits are in the Lucida Expert font set, you need it for the boldface digits. Includes a set of AWK programs used



- to automatically build , , and files from the existing Lucida PSNFSS distribution, and that may easily be changed for the generation of different virtual files for whatever font.
- URL: <https://ctan.org/pkg/lucold>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lucold>
- Loreti, Maurizio. *The recipe package. A L<sup>A</sup>T<sub>E</sub>X class to typeset recipes*. 2019-07-06. Version 0.9. LICENSE: pd. The layout design is relatively straightforward (and traditional: see ‘sample output’ under ‘documentation’); the class uses the Bookman and the fonts.
- URL: <https://ctan.org/pkg/recipe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recipe>
- *The RGB package. Tables of RGB colour parameters*. 2019-07-06. Version 1.2. LICENSE: other-free. The Linux (distributed as part of X11 distributions) is mechanically converted to a L<sup>A</sup>T<sub>E</sub>X file, which has been compiled to make the distribution. For details of the procedure, and sources, see the package’s home page.
- URL: <https://ctan.org/pkg/rgb>  
MIRROR: <https://mirror.ctan.org/info/colour/rgb>
- *The sfheaders package. Sans headers*. 2019-07-06. LICENSE: noinfo
- URL: <https://ctan.org/pkg/sfheaders>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfheaders>
- *The webomints package. Webomints font support*. 2021-09-11. Version 1.1c. LICENSE: other-nonfree. A set of files for using the Galapagos Design Group’s with (La)TeX. The original announcement of the font said “Created by George Ryan, Web-O-Mints contains a rich assortment of typographic decorations inspired by historical sources”. A copy of the type 1 font file is included with the distribution, as are test (demonstration) files.
- URL: <https://ctan.org/pkg/webomints>  
MIRROR: <https://mirror.ctan.org/fonts/webomints>
- Loreti, Maurizio and Ryan Kavanagh. *The lintex package. Tidy up after a T<sub>E</sub>X run*. 2016-06-24. Version 1.13. LICENSE: gpl
- URL: <https://ctan.org/pkg/lintex>  
MIRROR: <https://mirror.ctan.org/support/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker*. 2022-05-26. Version 3.0.0. LICENSE: apache2,mit
- URL: <https://ctan.org/pkg/pkgcheck>  
MIRROR: <https://mirror.ctan.org/support/pkgcheck>
- Lotze, Thomas. *The genmpage package. Generalization of L<sup>A</sup>T<sub>E</sub>X’s minipages*. 2016-06-24. Version 0.3.1. LICENSE: lppl
- URL: <https://ctan.org/pkg/genmpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genmpage>
- Lounsbury, Andrew. *The latex-for-undergraduates package. A tutorial aimed at introducing undergraduate students to L<sup>A</sup>T<sub>E</sub>X*. 2022-10-07. Version 1.0.2. LICENSE: pd
- URL: <https://ctan.org/pkg/latex-for-undergraduates>  
MIRROR: <https://mirror.ctan.org/info/latex-for-undergraduates>
- *The suppose package. Abbreviate the word “Suppose”*. 2021-05-20. Version 1.2.2. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/suppose>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suppose>
- Louthan, George. *The tucv package. Support for typesetting a CV or résumé*. 2016-06-24. Version 1.0. LICENSE: other-free
- URL: <https://ctan.org/pkg/tucv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tucv>
- Love, David. *The truecols package. Colour facilities for SliTeX*. 2016-06-24. Version 1.2. LICENSE: gpl
- URL: <https://ctan.org/pkg/truecols>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/truecols.doc>
- Lovell, Matthew. *The register package. Typeset programmable elements in digital hardware (registers)*. 2020-03-22. Version 2.0. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/register>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/register>
- Lubbers, Mart. *The rutitlepage package. Radboud University Titlepage Package*. 2022-02-22. Version 3.0. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/rutitlepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rutitlepage>
- Lubenets, Yuri. *The LaTeX-WIDE package. Multifunctional editor for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: nocommercial
- URL: <https://ctan.org/pkg/latexwide>  
MIRROR: [https://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)

- *The russian-help package. L<sup>A</sup>T<sub>E</sub>X help in Russian.* 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/russian-help>  
 MIRROR: <https://mirror.ctan.org/info/win-help/latex/russian>
- Lück, Uwe. *The adhocfilelist package. ‘\listfiles’ entries from the command line.* 2017-05-05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/adhocfilelist>  
 MIRROR: <https://mirror.ctan.org/support/adhocfilelist>
- *The bitelist package. Split list, in T<sub>E</sub>X’s mouth.* 2017-05-05. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bitelist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/bitelist>
- *The catcodes package. Generic handling of T<sub>E</sub>X category codes.* 2017-05-05. Version r0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catcodes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/catcodes>
- *The commado package. Expandable iteration on comma-separated and filename lists.* 2017-05-05. Version r0.11a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commado>  
 MIRROR: <https://mirror.ctan.org/macros/generic/commado>
- *The dhua package. German abbreviations using thin space.* 2017-05-05. Version 0.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dhua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dhua>
- *The doc-pictex package. A summary list of PicT<sub>E</sub>X documentation.* 2017-05-05. LICENSE: other-free  
 URL: <https://ctan.org/pkg/doc-pictex>  
 MIRROR: <https://mirror.ctan.org/info/pictex/Doc-PiCTeX.txt>
- *The dowith package. Apply a command to a list of items.* 2017-05-05. Version r0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dowith>  
 MIRROR: <https://mirror.ctan.org/macros/generic/dowith>
- *The edfnates package. Critical annotations to footnotes with ednotes.* 2018-01-06. Version 0.6b. LICENSE: lppl1.3. The package modifies the annotation commands and label-test mechanism of the package so that critical notes appear on the pages and in the order that one would expect.  
 URL: <https://ctan.org/pkg/edfnates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edfnates>
- *The ednotes package. Typeset scholarly editions.* 2017-05-05. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ednotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ednotes>
- *The fifinddo package. Filtering files using T<sub>E</sub>X.* 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fifinddo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/fifinddo.sty>
- *The fifinddo-info package. German HTML beamer presentation on nicetext and morehype.* 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fifinddo-info>  
 MIRROR: <https://mirror.ctan.org/info/fifinddo-info>
- *The filedate package. Access and compare info and modification dates.* 2017-05-06. LICENSE: lppl. The package provides basic access to the date of a L<sup>A</sup>T<sub>E</sub>X source file according to its entry (the “info date”) as well as to its modification date according to if the latter is available.  
 URL: <https://ctan.org/pkg/filedate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filedate>
- *The fileinfo package. Enhanced display of L<sup>A</sup>T<sub>E</sub>X File Information.* 2018-01-06. Version 0.81a. LICENSE: lppl1.3. The bundle provides two packages, and . The package provides a means of reading file information without loading the body of the file. The package uses and controls what will report.  
 URL: <https://ctan.org/pkg/fileinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
- *The finstrut package. Adjust behaviour of the ends of footnotes.* 2017-05-06. Version 0.5. LICENSE: lppl1.3. The L<sup>A</sup>T<sub>E</sub>X internal command is used automatically used at the end of footnote texts to insert a strut to avoid mis-spacing of multiple footnotes. Unfortunately the command can cause a blank line at the end of a footnote. The package provides a solution to this problem.  
 URL: <https://ctan.org/pkg/finstrut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/finstrut>

- *The fnlineno package. Number the lines of footnotes.* 2017-05-06. Version 0.55. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fnlineno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lineno>
- Lück, Uwe. *The ifnextok package. Utility macro: peek ahead without ignoring spaces.* 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifnextok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>
- *The inputtrc package. Trace which file loads which.* 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/inputtrc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>
- *The langcode package. Simple language-dependent settings based on language codes.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/langcode>  
 MIRROR: <https://mirror.ctan.org/macros/generic/langcode>
- *The latexfileinfo-pkgs package. A comparison of packages showing L<sup>A</sup>T<sub>E</sub>X file information.* 2017-05-06. Version 0.22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latexfileinfo-pkgs>  
 MIRROR: <https://mirror.ctan.org/info/latexfileinfo-pkgs>
- *The longnamefilelist package. Tidy \listfiles with long file names.* 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L<sup>A</sup>T<sub>E</sub>X's command with an optional argument for the number of characters in the longest base filename. This way you get a neatly aligned file list even when it contains files whose base names have more than 8 characters. The package can be combined with the package as explained in the documentation.  
 URL: <https://ctan.org/pkg/longnamefilelist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longnamefilelist>
- *The ltabptch package. Bug fix for longtable.* 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for L<sup>A</sup>T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
 URL: <https://ctan.org/pkg/ltabptch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>
- *The makedoc package. Preprocessing documentation with T<sub>E</sub>X.* 2017-05-06. Version 0.52. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/makedoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- *The monofill package. Alignment of plain text.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/monofill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/monofill>
- *The morehype package. Hypertext tools for use with L<sup>A</sup>T<sub>E</sub>X.* 2017-05-06. Version r0.83. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/morehype>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morehype>
- *The myfilist package. Configuring the output of the \listfiles command.* 2018-01-06. Version 0.71. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/myfilist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
- *The nicefilelist package. Provide \listfiles alignment.* 2017-05-06. Version 0.7a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nicefilelist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicefilelist>
- *The nicetext package. Minimal markup for simple text (Wikipedia style) and documentation.* 2017-05-06. Version r0.67. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nicetext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- *The niceverb package. Minimising markup for documenting L<sup>A</sup>T<sub>E</sub>X packages.* 2017-05-06. Version 0.51. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/niceverb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/niceverb.sty>
- *The pictex-autoarea package. Automatic computation of bounding boxes with P<sub>i</sub>C<sub>T</sub>E<sub>X</sub>.* 2021-06-10. Version 0.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pictex-autoarea>  
 MIRROR: <https://mirror.ctan.org/graphics/pictex-addons/autoarea>
- *The plainpkg package. A minimal method for making generic packages.* 2017-05-06. Version 0.4a. LICENSE: lppl1.3. The package provides a minimal method for making generic (i.e., T<sub>E</sub>X-format-independent) packaged, combining functionality, fallback definitions for L<sup>A</sup>T<sub>E</sub>X and functionality, and handling of arbitrary (multiple) “private letters” (analogous L<sup>A</sup>T<sub>E</sub>X packages’ use of “”) in nested package files. The documentation contains a central reference for making and using generic packages based on the package.

- URL: <https://ctan.org/pkg/plainpkg>  
MIRROR: <https://mirror.ctan.org/macros/generic/plainpkg>
- Lück, Uwe. *The readprov package. Provides GetFileInfo without the need to load the file.* 2017-05-06. Version 0.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/readprov>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
- *The tamefloats package. Experimentally use \holdinginserts with L<sup>A</sup>T<sub>E</sub>X floats.* 2017-05-06. Version 0.42. LICENSE: lppl1.3. L<sup>A</sup>T<sub>E</sub>X’s figures, tables, and s are dangerous for footnotes (and probably also ). Here is a proposal (a ‘patch’ package) to help, by using in a simple way. It replaces the original problem with a new one — it is an experiment to find out whether the new problem is less bad (or it is just a contribution to the discussion, maybe just a summary of previous work). The files provide further information.  
URL: <https://ctan.org/pkg/tamefloats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tamefloats>
  - *The typeoutfileinfo package. Display class/package/file information.* 2017-05-06. Version 0.31. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/typeoutfileinfo>  
MIRROR: <https://mirror.ctan.org/support/typeoutfileinfo>
  - *The versions package. Optionally omit pieces of text.* 2017-05-06. Version 0.55. LICENSE: lppl1.3. Stephan Bellantoni’s has provided preamble commands for selecting environments to be included/excluded. This package does the same, but corrects, improves, and extends it in both implementation and function.  
URL: <https://ctan.org/pkg/versions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/versions>
  - *The wiki package. Use Wiki-style markup in a L<sup>A</sup>T<sub>E</sub>X document.* 2017-05-06. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/wiki>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- Lüddecke, Jobst-Hartmut. *The bard package. Celtic bardic runes font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bard>  
MIRROR: <https://mirror.ctan.org/fonts/bard/bard.mf>
- *The srune package. Saxon rune font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/srune>  
MIRROR: <https://mirror.ctan.org/fonts/srune>
- Ludewig, Berthold. *The schwel1 package. Calligraphic font for typesetting handwriting in Schwell style.* 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/schwel1>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style.* 2016-07-29. LICENSE: pd  
URL: <https://ctan.org/pkg/sueterlin>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
  - *The va package. Handwriting fonts.* 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a L<sup>A</sup>T<sub>E</sub>X .fd file, and full macro support for use with L<sup>A</sup>T<sub>E</sub>X is available in the bundle.  
URL: <https://ctan.org/pkg/va>  
MIRROR: <https://mirror.ctan.org/fonts/va>
- Ludwig, Matthias and Christine Römer. *The translation-enumitem-de package. Enumitem documentation, in German.* 2016-06-24. LICENSE: lppl. This is a translation of the manual for .  
URL: <https://ctan.org/pkg/translation-enumitem-de>  
MIRROR: <https://mirror.ctan.org/info/translations/enumitem/de>
- Luecking, Daniel H. *The fntproof package. A programmable font test pattern generator.* 2016-06-24. LICENSE: pd. The package implements all the font testing commands of Knuth’s , but arranges that information necessary for each command is supplied as arguments to that command, rather than prompted for. This makes it possible to type all the tests in one command line, and easy to input the package in a file and to use the commands there. A few additional commands supporting this last purpose are also made available.  
URL: <https://ctan.org/pkg/fntproof>  
MIRROR: <https://mirror.ctan.org/macros/generic/fntproof>
- *The mathdots package. Commands to produce dots in math that respect font size.* 2016-06-24. Version 0.9. LICENSE: lppl. Redefines and , and defines . The dots produced by slant in the opposite direction to . All the commands are designed to change size appropriately in scripts, as well as in response to L<sup>A</sup>T<sub>E</sub>X size changing commands. The commands may also be used in plain T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/mathdots>  
MIRROR: <https://mirror.ctan.org/macros/generic/mathdots>

- *The minifp package. Fixed-point real computations to 8 decimals.* 2016-06-24. Version 0.96. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/minifp>  
 MIRROR: <https://mirror.ctan.org/macros/generic/minifp>
- Luecking, Daniel H. *The nkarta package. A "new" version of the karta cartographic fonts.* 2016-06-24. Version 0.2. LICENSE: pd. A development of the font, offering more mathematical stability in Metafont. A version that will produce the glyphs as Encapsulated PostScript, using MetaPost, is also provided.  
 URL: <https://ctan.org/pkg/nkarta>  
 MIRROR: <https://mirror.ctan.org/fonts/nkarta>
- *The plstmary package. St. Mary's Road font support for plain T<sub>E</sub>X.* 2016-06-24. Version 0.5c. LICENSE: pd. The package provides commands to produce all the symbols of the fonts, in a Plain T<sub>E</sub>X environment.  
 URL: <https://ctan.org/pkg/plstmary>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plstmary>
- *The splines package. MetaPost macros for drawing cubic spline interpolants.* 2016-06-24. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/splines>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/splines>
- *The threeddice package. Create images of dice with one, two, or three faces showing, using MetaPost.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/threeddice>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/threeddice>
- Luecking, Daniel H. and Donald Arseneau. *The excludeonly package. Prevent files being \include-ed.* 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/excludeonly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/excludeonly>
- Luecking, Daniel H. and Geoffrey Tobin. *The mfpic package. Draw Metafont/post pictures from (La)T<sub>E</sub>X commands.* 2016-06-24. Version 1.10. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mfpic>  
 MIRROR: <https://mirror.ctan.org/graphics/mfpic>
- Luengo, Pablo González. *The ltximg package. Extract L<sub>A</sub>T<sub>E</sub>X environments into separate image files.* 2021-05-22. Version 2.1. LICENSE: gpl3+. is a Perl script that automates the process of extracting and converting environments provided by , and other packages from input file to image formats and standalone files using and . It generates a file with only extracted environments and another with all extracted environments converted to .  
 URL: <https://ctan.org/pkg/ltximg>  
 MIRROR: <https://mirror.ctan.org/support/ltximg>
- *The scontents package. Stores L<sub>A</sub>T<sub>E</sub>X contents in memory or files.* 2022-04-04. Version 2.0. LICENSE: lppl1.3c. This package stores valid L<sub>A</sub>T<sub>E</sub>X code in memory (sequences) using the module of . The stored content (including verbatim) can be used as many times as desired in the document, additionally can be written to external files if desired.  
 URL: <https://ctan.org/pkg/scontents>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scontents>
- Lukaszczuk, Stephan. *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany.* 2022-11-22. Version 1.3.1. LICENSE: lppl1.3c. The se2thesis bundle provides a document class for writing a theses with the at the , Germany. The class is based on Markus Kohm's classes and provides several additions and customizations to these classes. While the class provides some basic settings, mostly regrading the type area, fonts, and the title page, it still provides large degrees of freedom to its users. However, the package's documentation also provides recommendations regarding several aspects, for example, recommending for bibliographies.  
 URL: <https://ctan.org/pkg/se2thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/se2thesis>
- Lulli, Paolo. *The texpack package. Create documented L<sub>A</sub>T<sub>E</sub>X classes, packages and docs in a Unix environment.* 2016-06-24. LICENSE: gpl. Texpack is a little bundle of scripts to create documented L<sub>A</sub>T<sub>E</sub>X style, class files and docs. Texpack provides useful scripts for the automated creation of the skeleton required by documented T<sub>E</sub>X files. It is useful both for creating packages () and new classes (). Texpack also provides a command to automate the creation of commonly needed L<sub>A</sub>T<sub>E</sub>X skeleton files. This feature is mostly useful for the Italian author, but also provides the fast creation of a conditional preamble for handling / compilation.  
 URL: <https://ctan.org/pkg/texpack>  
 MIRROR: <https://mirror.ctan.org/support/texpack>
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 URL: <https://ctan.org/pkg/mif2xfig>



- Lupkowski, Paweł. *The fancyslides package. Custom presentation class built upon L<sup>A</sup>T<sub>E</sub>X Beamer*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fancyslides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyslides>
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 URL: <https://ctan.org/pkg/rtf2tex>  
 MIRROR: <https://mirror.ctan.org/support/rtf2tex>
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 URL: <https://ctan.org/pkg/pst-cox>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cox>
- Luque, Manuel. *The pst-contourplot package. Draw implicit functions using the “marching squares” algorithm*. 2018-07-23. Version 0.6. LICENSE: lppl. This package allows to draw implicit functions “ $f(x,y) = 0$ ” with options for coloring the inside of the surfaces, for marking the points and arrowing the curve at points chosen by the user. The package uses the algorithm.  
 URL: <https://ctan.org/pkg/pst-contourplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-contourplot>
- Luque, Manuel, Denis Girou, and Herbert Voß. *The pst-lens package. Lenses with PSTricks*. 2018-09-15. Version 1.02. LICENSE: lppl. This package provides a really rather simple command that will draw a lens. Command parameters provide a remarkable range of effects.  
 URL: <https://ctan.org/pkg/pst-lens>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lens>
- Luque, Manuel and Christophe Jorssen. *The pst-osci package. Oscgons with PSTricks*. 2018-09-15. Version 2.82. LICENSE: lppl. This package enables you to produce oscilloscope “screen shots”. Three channels can be used to represent the most common signals (damped or not): namely sinusoidal, rectangular, triangular, dog’s tooth (left and right oriented). The third channel allows you to add, to subtract or to multiply the two other signals. Lissajous diagrams (XY-mode) can also be obtained.  
 URL: <https://ctan.org/pkg/pst-osci>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-osci>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geo>
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 URL: <https://ctan.org/pkg/pst-am>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
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 URL: <https://ctan.org/pkg/pst-calendar>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-calendar>
  - *The pst-cie package. CIE color space*. 2021-11-04. Version 1.06b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-cie>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cie>
  - *The pst-diffraction package. Print diffraction patterns from various apertures*. 2022-04-06. Version 2.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-diffraction>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-diffraction>
  - *The pst-fun package. Draw “funny” objects with PSTricks*. 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fun>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fun>
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 URL: <https://ctan.org/pkg/pst-mirror>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-mirror>
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 URL: <https://ctan.org/pkg/pst-optic>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>

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URL: <https://ctan.org/pkg/pst-platon>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>
- Luque, Manuel and Herbert Voß. *The pst-rubans package. Draw three-dimensional ribbons.* 2018-09-15. Version 1.2. LICENSE: lppl. The package uses and to draw three dimensional ribbons on a cylinder, torus, sphere, cone or paraboloid. The width of the ribbon, the number of turns, the colour of the outer and the inner surface of the ribbon may be set. In the case of circular and conical helices, one may also choose the number of ribbons.  
URL: <https://ctan.org/pkg/pst-rubans>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rubans>
- *The pst-solarsystem package. Plot the solar system for a specific date.* 2018-09-15. Version 0.13. LICENSE: lppl. The package uses to produce diagrams of the visible planets, projected on the plane of the ecliptic. It is not possible to represent all the planets in their real proportions, so only Mercury, Venus, Earth and Mars have their orbits in correct proportions and their relative sizes are observed. Saturn and Jupiter are in the right direction, but not in the correct size.  
URL: <https://ctan.org/pkg/pst-solarsystem>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solarsystem>
- *The pst-spirograph package. Drawing hypotrochoids as with a spirograph.* 2020-04-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spirograph>
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URL: <https://ctan.org/pkg/pst-thick>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-thick>
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URL: <https://ctan.org/pkg/pst-vue3d>  
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URL: <https://ctan.org/pkg/tikz-bayesnet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bayesnet>
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URL: <https://ctan.org/pkg/mnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mnotes>
- Lyu, Jianrui. *The codehigh package. Highlight code and demos with l3regex and lpeg.* 2022-04-29. Version 2022E. LICENSE: lppl1.3c. This package uses the package from the L<sup>A</sup>T<sub>E</sub>X3 Programming Layer to parse and highlight source code and demos. It is more powerful than the package, and more easy to use than . But it is slower than both of them. Therefore in LuaT<sub>E</sub>X the package provides another way to highlight code: using LPeg (Parsing Expression Grammars for Lua). LPeg is much more powerful and faster than .  
URL: <https://ctan.org/pkg/codehigh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codehigh>
- *The functional package. Provide an intuitive functional programming interface for L<sup>A</sup>T<sub>E</sub>X2.* 2022-06-18. Version 2022H. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/functional>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/functional>
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URL: <https://ctan.org/pkg/ninecolors>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ninecolors>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularray>
- Lyubashenko, Volodymyr and Yuriy Bepalov. *The t-angles package. Draw tangles, trees, Hopf algebra operations and other pictures.* 2017-04-18. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X2e package for drawing tangles, trees, Hopf algebra operations and other pictures. It is based on emT<sub>E</sub>X or TPIC s. Therefore, it can be used with the most popular drivers, including emT<sub>E</sub>X drivers, dviwin, xdvi and dvips, and

- (using some code from ) it may also be used with pdfLaTeX.
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URL: <https://ctan.org/pkg/fandol>  
MIRROR: <https://mirror.ctan.org/fonts/fandol>
- Ma, Clerk and Berthold K. P. Horn. *The yandy package. TUG release of Y and Y's T<sub>E</sub>X distribution*. 2017-04-18. Version 0.5. LICENSE: gpl  
URL: <https://ctan.org/pkg/yandy>  
MIRROR: <https://mirror.ctan.org/systems/win32/yandy>
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URL: <https://ctan.org/pkg/mlmath>  
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URL: <https://ctan.org/pkg/topfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/topfloat>
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URL: <https://ctan.org/pkg/cm-afm>  
MIRROR: <https://mirror.ctan.org/fonts/cm/afm>
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URL: <https://ctan.org/pkg/tkhyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/tkhyph.tex>
  - *The turkish package. L<sup>A</sup>T<sub>E</sub>X Support for Typesetting Turkish*. 2019-06-09. LICENSE: lppl  
URL: <https://ctan.org/pkg/turkish>  
MIRROR: <https://mirror.ctan.org/language/turkish>
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URL: <https://ctan.org/pkg/xet-tex>  
MIRROR: <https://mirror.ctan.org/language/xettex>
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URL: <https://ctan.org/pkg/babel-turkish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/turkish>
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MIRROR: <https://mirror.ctan.org/dviware/dvipaste>
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URL: <https://ctan.org/pkg/lshort-czech>  
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URL: <https://ctan.org/pkg/ddphonism>  
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URL: <https://ctan.org/pkg/digiconfigs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digiconfigs>
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URL: <https://ctan.org/pkg/dfltxb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dfltxb>

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interval>
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- *The MemoirChapterStyles package*. Chapter styles in memoir class. 2021-07-01. Version 1.7e. LICENSE: lppl  
 URL: <https://ctan.org/pkg/memoirchapterstyles>  
 MIRROR: <https://mirror.ctan.org/info/latex-samples/MemoirChapStyles>
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 URL: <https://ctan.org/pkg/sasnrdisplay>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sasnrdisplay>
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 URL: <https://ctan.org/pkg/threeparttablex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threeparttablex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbatimcopy>
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 MIRROR: <https://mirror.ctan.org/biblio/pbibtex/pbibtex-base>
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 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/uplatex>
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 URL: <https://ctan.org/pkg/uptex-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/uptex-fonts>
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 MIRROR: <https://mirror.ctan.org/macros/jptex/generic/uptex-base>
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-simpleslides>
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 URL: <https://ctan.org/pkg/delim>  
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- Matthias, Andreas. *The pdfpages package. Include PDF documents in L<sup>A</sup>T<sub>E</sub>X.* 2022-10-10. Version 0.5w. LICENSE: lppl1.3c. This package simplifies the inclusion of external multi-page PDF documents in L<sup>A</sup>T<sub>E</sub>X documents. Pages may be freely selected and similar to it is possible to put several logical pages onto each sheet of paper. Furthermore a lot of hypertext features like hyperlinks and article threads are provided. The package supports pdfTeX (pdfLaTeX) and VTeX. With VTeX it is even possible to use this package to insert PostScript files, in addition to PDF files.  
 URL: <https://ctan.org/pkg/pdfpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpages>
- Mattison, Sven. *The slatex package. L<sup>A</sup>T<sub>E</sub>X support for writing Swedish.* 2016-06-24. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/language/swedish/slatex>
- Matveev, Rostislav. *The lpic package. Put L<sup>A</sup>T<sub>E</sub>X material over included graphics.* 2016-06-24. Version 0.8. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lpic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lpic>
- Maxwell, Adam R. *The onrannual package. Class for Office of Naval Research Ocean Battlespace Sensing annual report.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/onrannual>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onrannual>
- *The tcobrowser package. Local browsing of the Catalogue on Mac OS X.* 2017-04-18. LICENSE: bsd  
 URL: <https://ctan.org/pkg/tcobrowser>
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 URL: <https://ctan.org/pkg/timing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/timing>
- May, Wolfgang. *The pst-dbicons package. Support for drawing ER diagrams.* 2016-06-24. Version 0.16. LICENSE: lppl. The package provides some useful macros in the database area. The package focusses on typesetting ER-Diagrams in a declarative style, i.e., by positioning some nodes and defining the position of all other nodes relative to them by using the standard database terminology. The package is required for using pst-dbicons, but no deep knowledge of PSTricks commands is required (although such knowledge is useful for exploiting the full functionality of the package).  
 URL: <https://ctan.org/pkg/pst-dbicons>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dbicons>



- May, Wolfgang and Andreas Schedler. *The ntheorem package. Enhanced theorem environment*. 2017-04-18. Version 1.33. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ntheorem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ntheorem>
- Mayer, Gyula. *The huhyp package. Hyphenation patterns for the Hungarian language*. 2016-06-24. LICENSE: other-free. This set of patterns is now superseded by those in the .  
 URL: <https://ctan.org/pkg/huhyp>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/huhyp.tex>
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 URL: <https://ctan.org/pkg/tex-converter>  
 MIRROR: <https://mirror.ctan.org/support/tex-converter>
- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L<sup>A</sup>T<sub>E</sub>X in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L<sup>A</sup>T<sub>E</sub>X from PHP programs; in particular, this allows users to enter L<sup>A</sup>T<sub>E</sub>X commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L<sup>A</sup>T<sub>E</sub>X and ImageMagick to be installed. The open source PHP code was originally designed for use with phpBB, but it can be adapted for use with other PHP programs. Details and example installations may be found in the maintainer's .  
 URL: <https://ctan.org/pkg/latexrender>  
 MIRROR: <https://mirror.ctan.org/support/latexrender>
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 URL: <https://ctan.org/pkg/tableauvariations>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/tableauvariations>
- Mazzamuto, Giacomo. *The europasscv package. Unofficial class for the new version of the Europass curriculum vitae*. 2020-11-01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/europasscv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/europasscv>
- McBane, George. *The gcard package. Arrange text on a sheet to fold into a greeting card*. 2016-06-24. LICENSE: lppl. The package provides a simple means of producing greeting cards. It arranges four panels onto a single sheet so that when the sheet is folded twice the four panels are arranged as front cover, inside left and right pages, and back cover. It uses the package for placement on the sheet and the package for the necessary rotation. The four panels are set in minipages for formatting by the user.  
 URL: <https://ctan.org/pkg/gcard>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gcard>
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 MIRROR: <https://mirror.ctan.org/macros/scripttex>
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 URL: <https://ctan.org/pkg/cea>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/cea.sty>
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 URL: <https://ctan.org/pkg/marnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/marnote.sty>
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/corelfonts>
- McCormick, Doc. *The hpgl2ps package. Translate HPGL to PostScript*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hpgl2ps>  
 MIRROR: <https://mirror.ctan.org/graphics/hpgl2ps>
- McDonnell, Rowland. *The cmolddig package. Virtual fount setup for using old style digits*. 2016-06-24. Version 1.6. LICENSE: lppl. This package is a virtual font setup for using old style digits by default with the OT1 encoded Computer Modern Roman upright fonts. The package does the same job for the T1 encoded EC fonts and is generally much better because the EC fonts are like that; but then again, OT1 encoded cmr is available for free in TrueType and PS Type 1 formats and has its uses in pdf files as a result.  
 URL: <https://ctan.org/pkg/cmolddig>  
 MIRROR: <https://mirror.ctan.org/fonts/cmolddig>
- *The eurofont package. Provides a command that prints a euro symbol*. 2016-06-24. Version 1.1.3. LICENSE: other-free. The particular symbol printed by will in general change depending on the font family, weight, and shape in use at the time. This symbol can

come from any source, and the package user has complete control over which euro symbol is used in any given situation. The package is pre-configured to behave sensibly with many common text fonts and available euro symbols. The command can print ‘faked’ euro symbols from a C with two lines across it when no suitable real euro symbol is available; the package also includes code for printing fake bold euro symbols for use when no real bold symbol exists, as well as pre-configured support for a faked italic version of the font. Eurofont comes set up to use euro symbols from Adobe’s Eurofonts, the font, the font, and any available Text Companion fonts. The selection between these can be done using options passed to the package. The eurofont package also ‘knows’ about the font’s euro symbol, and can be configured to use it.

URL: <https://ctan.org/pkg/eurofont>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurofont>

McDonnell, Rowland. *The pageno package. Page number-only page styles*. 2017-05-30. LICENSE: nosell

URL: <https://ctan.org/pkg/pageno>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pageno>

- *The rmpage package. A package to help change page layout parameters in L<sup>A</sup>T<sub>E</sub>X*. 2019-06-09. Version 0.92. LICENSE: gpl. The package lets you change page layout parameters in small steps over a range of values using options. It can set appropriately for the main font, and ensure that the text fits inside the printable area of a printer. An rmpage-formatted document can be typeset identically without rmpage after a single cut and paste operation. Local configuration can set defaults: for all documents; and by class, by printer, and by paper size. The package is better if you want to set page layout parameters to particular measurements.

URL: <https://ctan.org/pkg/rmpage>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rmpage>

- *The sectsty package. Control sectional headers*. 2016-06-24. Version 2.0.2. LICENSE: lppl

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LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/dynkin-diagrams>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/dynkin-diagrams>

- *The epigraph-keys package. Epigraphs using key values*. 2021-03-24. Version 1.0. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/epigraph-keys>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epigraph-keys>

- *The lie-hasse package. Draw Hasse diagrams*. 2021-03-24. Version 1.0. LICENSE: lppl1.3c. This package draws Hasse diagrams of the partially ordered sets of the simple roots of any complex simple Lie algebra. It uses the Dynkin diagrams package .

URL: <https://ctan.org/pkg/lie-hasse>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/lie-hasse>

- *The rank-2-roots package. Draw (mathematical) rank 2 root systems*. 2021-03-24. Version 1.0. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/rank-2-roots>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/rank-2-roots>

- *The willowtreebook package. Easy basic book class, built on memoir*. 2021-09-28. Version 1.03. LICENSE: lppl1.3c. The class is a simple book class, which the author uses for his lecture notes to be found on his web page . It actually just selects options for the more sophisticated memoir class.

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MIRROR: <https://mirror.ctan.org/support/latexmake>

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- URL: <https://ctan.org/pkg/compare>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/compare.tex>
- McManus, Éamonn. *The cprog package. Typeset C programs*. 2016-06-24. Version 1.4. LICENSE: pd  
 URL: <https://ctan.org/pkg/cprog>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/cprog.sty>
- *The unouter package. Suppress \outer flags in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free. The package suppresses all the flags on macros in Plain T<sub>E</sub>X; it also suppresses the command.  
 URL: <https://ctan.org/pkg/unouter>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/unouter.tex>
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 URL: <https://ctan.org/pkg/gridpapers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridpapers>
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 URL: <https://ctan.org/pkg/bbcard>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bbcard>
- *The slideshow package. Generate slideshow with MetaPost*. 2016-06-24. Version 1.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/slideshow>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/slideshow>
- McPhee, Patrick T J and Nazeen N. (Neenie) Billawalla. *The pandora-type1 package. The Pandora font family*. 2016-06-24. LICENSE: nocommercial. The fonts offer drop-in replacements for the PK files, for use with dvips, dvi<sub>pdfm</sub>, pdf<sub>TeX</sub>, etc. You should use the TFM files generated by Metafont (the package contains AFM files, but they have not been tested). The encoding is exactly the same as the PK files, and the package does not contain any additional characters. The fonts have been successfully used, but no warranty is offered.  
 URL: <https://ctan.org/pkg/pandora-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/pandora>
- McPherson, Kent. *The bookform package. L<sup>A</sup>T<sub>E</sub>X 2.08 style for MIL STD 490 documents*. 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/bookform>
- *The extradefs package. A miscellany of support macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/extradefs>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/extradefs.tex>
- *The memo2 package. A memo document style*. 2016-06-24. LICENSE: noinfo. A small document style (L<sup>A</sup>T<sub>E</sub>X 2.09) which produces a presentable memorandum layout. The style will work under L<sup>A</sup>T<sub>E</sub>X 2e (subject to the usual complaints), but requires the package.  
 URL: <https://ctan.org/pkg/memo2>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/memo2>
- *The milstd package. Generate documents according to MIL STD 490*. 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/milstd>
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 URL: <https://ctan.org/pkg/old-fontch>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/plain/contrib/fontch20>
- *The sphyphb package. Experimental Spanish hyphenation patterns*. 2020-03-04. Version 2.04. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/language/spanish/sphyphb>
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/tfmpk>

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 URL: <https://ctan.org/pkg/exams>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exams>
- Meer, Hans van der. *The slidenotes package. Typeset slides accompanied by notes*. 2019-06-21. Version 3.27. LICENSE: other-nonfree  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slidenotes>
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 URL: <https://ctan.org/pkg/lettre>  
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 URL: <https://ctan.org/pkg/hyper>  
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 URL: <https://ctan.org/pkg/cwebhy>  
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/vak>
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 URL: <https://ctan.org/pkg/fei>  
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- Merciadri, Luca. *The bigints package. Writing big integrals*. 2019-02-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bigints>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bigints>
- *The plantslabels package. Write labels for plants*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/plantslabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/plantslabels>
  - *The turnthepage package. Provide "turn page" instructions*. 2016-06-24. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/turnthepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/turnthepage>
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 URL: <https://ctan.org/pkg/amspell>  
 MIRROR: <https://mirror.ctan.org/support/amspell>
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 URL: <https://ctan.org/pkg/jflap2tikz>  
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 URL: <https://ctan.org/pkg/footnoterange>  
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  - *The tablefootnote package. Permit footnotes in tables*. 2016-06-24. Version 1.1c. LICENSE: lppl1.3. The package provides the command to be used in a or environment, where will not work (and when using and , and adjusting the counter as necessary, is too much work).  
 URL: <https://ctan.org/pkg/tablefootnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tablefootnote>
  - *The thumbs package. Create thumb indexes*. 2016-06-24. Version 1.0q. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/thumbs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumbs>
  - *The undolabl package. Override existing labels*. 2016-06-24. Version 1.0l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/undolabl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undolabl>
  - *The uri package. Hyperlinks for a wide range of URIs*. 2018-09-06. Version 2.0b. LICENSE: lppl1.3c. The package provides automatic hyperlinks for URIs of type arXiv, ASIN, DOI, HDL, NBN, OCLC, OID, PubMed, TINY, TINY with preview, and WebCite and provides commands , , , and .  
 URL: <https://ctan.org/pkg/uri>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uri>
- Münch, Hans-Martin and Jeffrey Goldberg. *The lastpage package. Reference last page for Page N of M type footers*. 2021-09-03. Version 1.2n. LICENSE: lppl1.3. Reference the number of pages in your L<sup>A</sup>T<sub>E</sub>X document through the introduction of a new label which can be referenced like to give a reference to the last page of a document. It is particularly useful in the page footer that says: Page N of M.



- URL: <https://ctan.org/pkg/lastpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lastpage>
- Münch, Uwe. *The bfsymb package. Generate bold symbols in Plain TeX mathematics*. 2016-06-24. LICENSE: noinfo. Defines a command that represents its argument using the cmmib10 rather than the font currently in use. This technique has its limitations (the command of the same name in the bundle is much cleverer), but a simple does the job exactly.  
URL: <https://ctan.org/pkg/bfsymb>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/bfsymb.tex>
- *The eiad-ltx package. L<sup>A</sup>T<sub>E</sub>X support for the eiad font*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eiad-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eiad>
- Munch-Maccagnoni, Guillaume. *The perfectcut package. Nested delimiters that consistently grow regardless of the contents*. 2019-07-27. Version 2.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/perfectcut>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perfectcut>
- Munn, Alan. *The casiofont package. Support for the Casio ClassWiz font*. 2018-10-22. Version 1.1. LICENSE: lppl1.3. This package provides support for the Casio ClassWiz font, available from the . The font itself is included in the distribution. The package requires compilation with X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX.  
URL: <https://ctan.org/pkg/casiofont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>
- *The he-she package. Alternating pronouns to aid gender-neutral writing*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/he-she>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/he-she>
- *The invoice-class package. Produces a standard US invoice from a CSV file*. 2019-01-20. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/invoice-class>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/invoice-class>
- *The msu-thesis package. Class for Michigan State University Master’s and PhD theses*. 2022-08-19. Version 3.5b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/msu-thesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/msu-thesis>
- *The pst-vowel package. Enable arrows showing diphthongs on vowel charts*. 2018-09-15. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-vowel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-vowel>
- *The screenplay-pkg package. Package version of the screenplay document class*. 2017-08-06. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/screenplay-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay-pkg>
- Munn, Alan and Tom Counsell. *The csv2latex package. Convert spreadsheet table cells into L<sup>A</sup>T<sub>E</sub>X source*. 2016-06-24. Version 1.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/csv2latex>  
MIRROR: <https://mirror.ctan.org/support/csv2latex>
- Munson, Ethan V. *The uthesis209 package. L<sup>A</sup>T<sub>E</sub>X 2.09 document style for UC Theses*. 2016-06-24. Version 2.7. LICENSE: noinfo. An obsolescent L<sup>A</sup>T<sub>E</sub>X 2.09 predecessor of the current ; the latest version of the package seems to have been released as the current one was being developed.  
URL: <https://ctan.org/pkg/uthesis209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/uthesis>
- Münster, Peter. *The context-chromato package. ConTeXt macros for chromatograms*. 2018-08-11. LICENSE: gpl  
URL: <https://ctan.org/pkg/context-chromato>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-chromato>
- *The context-cmscbf package. Use Computer Modern bold Caps and Small-caps in ConTeXt*. 2017-11-12. LICENSE: gpl. The module makes provision for bold caps and small caps CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
URL: <https://ctan.org/pkg/context-cmscbf>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cmscbf>
- *The ConTeXt-cmttbf package. Use Computer Modern Typewriter bold font in ConTeXt*. 2017-11-12. LICENSE: gpl. The module makes provision for bold typewriter CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
URL: <https://ctan.org/pkg/context-cmttbf>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cmttbf>

- *The context-construction-plan package. Construction plans in ConTeXt.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-construction-plan>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-construction-plan>
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 URL: <https://ctan.org/pkg/context-degrade>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-degrade>
- *The context-french package. Support for writing French in ConTeXt.* 2020-03-09. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-french>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-french>
- *The context-inifile package. An ini-file pretty-printer, using ConTeXt.* 2018-08-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-inifile>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-inifile>
- *The context-typearea package. Something like Koma-Script typearea.* 2018-08-11. LICENSE: gpl. The module provides a command that calculates the page layout as the L<sup>A</sup>T<sub>E</sub>X package does.  
 URL: <https://ctan.org/pkg/context-typearea>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-typearea>
- *The context-URWGaramond package. ConTeXt support for URW Garamond font.* 2018-08-11. LICENSE: pd. The required may also be found on CTAN.  
 URL: <https://ctan.org/pkg/context-urwgaramond>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-urwgaramond>
- *The degrade package. Degrade JPEG images on the fly, prior to inclusion.* 2016-06-24. LICENSE: lppl. Degrade is a L<sup>A</sup>T<sub>E</sub>X package that degrades JPEG images on the fly to decrease the size of the resulting PostScript or PDF file. It uses the convert utility from the ImageMagick bundle as well as (if you're producing PostScript output).  
 URL: <https://ctan.org/pkg/degrade>  
 MIRROR: <https://mirror.ctan.org/graphics/degrade>
- Murphy, Terrence and Rosalie D'Amico. *The makecookbook package. Make a Cookbook.* 2018-12-06. Version 0.85. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/makecookbook>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/makecookbook>
- Murphy, Timothy. *The javatex package. A Java implementation of T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/javatex>  
 MIRROR: <https://mirror.ctan.org/systems/javatex>
- *The lgreek package. L<sup>A</sup>T<sub>E</sub>X macros for using Silvio Levy's Greek fonts.* 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/lgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lgreek>
- Murzynowski, Grzegorz. *The gmdoc package. Documentation of L<sup>A</sup>T<sub>E</sub>X packages.* 2018-01-06. Version 0.993. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc>
- *The gmeometric package. Change page size wherever it's safe.* 2016-06-24. Version 0.73. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmeometric>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/gmeometric>
- *The gmiflink package. Simplify usage of \hypertarget and \hyperlink.* 2018-01-06. Version 0.97. LICENSE: lppl. Three -based macros that simplify usage of and : one argument instead of the same one twice. Also and which typeset plain text instead of generating an error or printing “??” if there is no respective hypertarget or label.  
 URL: <https://ctan.org/pkg/gmiflink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmiflink>
- *The gmutils package. Support macros for other packages.* 2016-06-24. Version 0.996. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmutils>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
- *The gmverb package. A variant of L<sup>A</sup>T<sub>E</sub>X \verb, verbatim and shortverb.* 2016-06-24. Version 0.98. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gmverb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverb>
- *The gmverse package. A package for typesetting (short) poems.* 2018-01-06. Version 0.73. LICENSE: lppl. A redefinition of the environment to make the command optional for line ends and to give it a possibility of optical centering and ‘right-hanging’ alignment of lines broken because of length.  
 URL: <https://ctan.org/pkg/gmverse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverse>

- Musa, Ahmed. *The catoptions package. Preserving and recalling standard catcodes*. 2016-06-24. Version 0.2.7h. LICENSE: lppl1.3. The package changes package loading internals so that all subsequently loaded packages can rely on normal/standard catcodes of all ASCII characters. The package defines canonical control sequences to represent all the visible ASCII characters. It also provides robust option parsing mechanisms (, and , which will be used by if the package has already been loaded). The package also provides a range of other T<sub>E</sub>X programming tools.  
 URL: <https://ctan.org/pkg/catoptions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catoptions>
- Musa, Ahmed. *The changelayout package. Change the layout of individual pages and their text*. 2016-06-24. Version 1.0. LICENSE: lppl. The package is an extension of the package to permit the user to change the layout of individual pages and their texts.  
 URL: <https://ctan.org/pkg/changelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changelayout>
- *The draftmark package. Put draft marks on selected pages*. 2016-06-24. Version 1.2. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/draftmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftmark>
  - *The getfiledate package. Find the date of last modification of a file*. 2016-06-24. Version 1.2. LICENSE: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of pdfT<sub>E</sub>X); the user may specify how the date is to be presented.  
 URL: <https://ctan.org/pkg/getfiledate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getfiledate>
  - *The keyreader package. A robust interface to xkeyval*. 2016-06-24. Version 0.5b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/keyreader>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyreader>
  - *The keyval2e package. A lightweight and robust key-value parser*. 2016-06-24. Version 0.0.2. LICENSE: lppl1.3. The package provides lightweight and robust facilities for creating and managing keys. Its machinery isn't as extensive as that of, e.g., the package, but it is equally robust; ease of use and speed of processing are the design aims of the package.  
 URL: <https://ctan.org/pkg/keyval2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyval2e>
  - *The loops package. General looping macros for use with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/loops>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/loops>
  - *The ltxkeys package. A robust key parser for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.0.3c. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxkeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxkeys>
  - *The ltxtools package. A collection of L<sup>A</sup>T<sub>E</sub>X API macros*. 2016-06-24. Version 0.0.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltxtools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltxtools>
  - *The newenviron package. Processing an environment's body*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/newenviron>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newenviron>
  - *The pagerange package. Flexible and configurable page range typesetting*. 2016-06-24. Version 0.5. LICENSE: lppl. The package defines a command that typesets ranges of page numbers, expanding them (e.g., adding first or last page numbers) and standardising them.  
 URL: <https://ctan.org/pkg/pagerange>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagerange>
  - *The pgfkeyx package. Extended and more robust version of pgfkeys*. 2016-06-24. Version 0.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgfkeyx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfkeyx>
  - *The skeycommand package. Create commands using parameters and keyval in parallel*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides tools for defining L<sup>A</sup>T<sub>E</sub>X commands and environments using combinations of parameters and keys. All the facilities of the and packages are available to the user of skeycommand.  
 URL: <https://ctan.org/pkg/skeycommand>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeycommand>
  - *The skeyval package. Key-value parsing combining features of xkeyval and pgfkeys*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package integrates the features of and of by introducing a new type of handlers. Style keys, links, changing key callbacks and values on the fly, and other features of pgfkeys are introduced in a new context.

- URL: <https://ctan.org/pkg/skeyval>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeyval>
- Musa, Ahmed. *The storecmd package. Store the name of a defined command in a container.* 2016-06-24. Version 0.0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storecmd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storecmd>
- *The xwatermark package. Graphics and text watermarks on selected pages.* 2021-06-17. Version 1.5.2d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xwatermark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xwatermark>
- Musliner, David J. *The go-make package. A make variant for L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 3.6. LICENSE: other-free  
URL: <https://ctan.org/pkg/go-make>  
MIRROR: <https://mirror.ctan.org/support/go>
- Myers, Eric. *The ruled-tables package. Plain T<sub>E</sub>X table macros, with ruled capability.* 2016-06-24. LICENSE: noinfo  
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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/ruled-tables>
- Myers, Eric and Frank Paige. *The TeXsis package. Plain T<sub>E</sub>X macros for Physicists.* 2019-06-21. Version 2.18. LICENSE: lppl  
URL: <https://ctan.org/pkg/texsis>  
MIRROR: <https://mirror.ctan.org/macros/texsis>
- Naanou, Alex A. *The photobook package. A document class for typesetting photo books.* 2022-11-14. Version 0.1.5. LICENSE: bsd3  
URL: <https://ctan.org/pkg/photobook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/photobook>
- Nagy, Bence. *The hungarian package. New Hungarian hyphenation patterns.* 2016-11-05. LICENSE: gpl. These patterns are a modern substitute for those in the package.  
URL: <https://ctan.org/pkg/hungarian>  
MIRROR: <https://mirror.ctan.org/language/hungarian/hyphenation>
- Nähring, Tobias and Herbert Voß. *The pst-bezier package. Draw Bezier curves.* 2016-09-03. Version 0.03. LICENSE: lppl. The package provides a macro for drawing a Bézier curve. Provision is made for full control of over all the control points of the curve.  
URL: <https://ctan.org/pkg/pst-bezier>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bezier>
- Nakashima, Hiroshi. *The arydshln package. Draw dash-lines in array/tabular.* 2019-02-22. Version 1.76. LICENSE: lppl1  
URL: <https://ctan.org/pkg/arydshln>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arydshln>
- *The dblfnote package. Double-column footnotes.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dblfnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
  - *The fnpos package. Control the position of footnotes on the page.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/fnpos>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
  - *The hvdashln package. Horizontal and vertical dashed lines in arrays and tabulars.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/hvdashln>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hvdashln.sty>
  - *The newvbtm package. Define your own verbatim-like environment.* 2016-06-24. Version 1.1. LICENSE: lppl. Defines general purpose macro named to define your own verbatim-like environment. It also has a supplementary style file varvbtm.sty to provide set of macros for variants of verbatim, such as tab emulation.  
URL: <https://ctan.org/pkg/newvbtm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newvbtm>
  - *The paracol package. Multiple columns with texts “in parallel”.* 2018-12-31. Version 1.35. LICENSE: lppl  
URL: <https://ctan.org/pkg/paracol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paracol>
  - *The pfnote package. Number footnotes per page.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/pfnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
  - *The umoline package. Underline text allowing line breaking.* 2018-01-06. LICENSE: lppl. Provides commands , and for underlining, striking out, and overlining their text arguments.  
URL: <https://ctan.org/pkg/umoline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umoline>



- *The yafoot package. A bundle of miscellaneous footnote packages.* 2018-09-03. Version 1.1. LICENSE: lppl. Contains three packages:
  - to number footnotes per page; – to control the position of footnotes; and – to make footnotes double-columned.
 URL: <https://ctan.org/pkg/yafoot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
- Naranong, Saitulaa. *The texliveonfly package. On-the-fly download of missing T<sub>E</sub>X live packages.* 2020-06-24. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/texliveonfly>  
 MIRROR: <https://mirror.ctan.org/support/texliveonfly>
- Nardello, Massimo. *The bibfilex package. A free bibliographic manager for BibLaTeX.* 2017-04-18. Version 1.2.8. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/bibfilex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibfilex>
- Nash, David. *The ajl package. BibTeX style for AJL.* 2019-03-02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ajl>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/ajl.bst>
- Nebendahl, Olle. *The cms4talks package. Content Management System for Talks.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cms4talks>  
 MIRROR: <https://mirror.ctan.org/support/cms4talks>
- Nederlandstalige T<sub>E</sub>X Gebruikersgroep. *The ntg-maps package. The NTG's journal MAPS.* 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/ntg-maps>  
 MIRROR: <https://mirror.ctan.org/usergrps/ntg/maps>
- Neergaard, Peter Møller and Arne John Glenstrup. *The semantic package. Help for writing programming language semantics.* 2016-06-24. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/semantic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantic>
- Neergaard, Peter Møller and Karel Horák. *The bbding package. A symbol (dingbat) font and L<sup>A</sup>T<sub>E</sub>X macros for its use.* 2016-06-24. Version 1.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bbding>  
 MIRROR: <https://mirror.ctan.org/fonts/bbding>
- Nesbitt, Kim. *The cje package. L<sup>A</sup>T<sub>E</sub>X document class for CJE articles.* 2018-02-23. Version 1.06. LICENSE: lppl1.3c. The article class allows authors to format their papers to Canadian Journal of Economics style with minimum effort. The class includes options for two other formats: "review" (double spaced, for use at the submission stage) and "proof" (used by the typesetters to prepare the proof authors will receive for approval).  
 URL: <https://ctan.org/pkg/cje>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cje>
- Nesti, Fabrizio. *The jhep package. Class for JHEP.* 2016-06-24. Version 3.1.2. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/jhep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jhep>
- Nesti, Fabrizio and Kevin Goldstein. *The findbib package. Find bibliographic details from SPIRES.* 2016-06-24. Version 2.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/findbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utills/findbib>
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URL: <https://ctan.org/pkg/rubikrotation>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rubik>
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 URL: <https://ctan.org/pkg/chemformula>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemgreek>
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 URL: <https://ctan.org/pkg/chemnum>  
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 URL: <https://ctan.org/pkg/endiagram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endiagram>
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 URL: <https://ctan.org/pkg/enotez>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enotez>
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 URL: <https://ctan.org/pkg/exsheets>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exsheets>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tasks>
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 URL: <https://ctan.org/pkg/properties>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/properties>
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URL: <https://ctan.org/pkg/blowup>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blowup>
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URL: <https://ctan.org/pkg/colorinfo>  
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  - *The eso-pic package. Add picture commands (or backgrounds) to every page*. 2020-10-14. Version 3.0a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/eso-pic>  
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URL: <https://ctan.org/pkg/image-gallery>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/image-gallery>
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URL: <https://ctan.org/pkg/keystroke>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keystroke>
  - *The niceframe-type1 package. Type 1 versions of the fonts recommended in niceframe*. 2017-06-23. LICENSE: lppl. The bundle provides Adobe Type 1 versions of the fonts , , , .  
URL: <https://ctan.org/pkg/niceframe-type1>  
MIRROR: <https://mirror.ctan.org/fonts/niceframe>
  - *The overpic package. Combine  $\LaTeX$  commands over included graphics*. 2020-02-22. Version 1.3. LICENSE: lppl1.3. The overpic environment is a cross between the  $\LaTeX$  picture environment and the command of `\includegraphics`. The resulting picture environment has the same dimensions as the included graphic.  $\LaTeX$  commands can be placed on the graphic at defined positions; a grid for orientation is available.  
URL: <https://ctan.org/pkg/overpic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/overpic>
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  - *The scr1ttr2copy package. A letter class option file for the automatic creation of copies*. 2020-10-22. Version 0.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/scr1ttr2copy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scr1ttr2copy>
  - *The showexpl package. Typesetting  $\LaTeX$  source code*. 2021-01-13. Version 0.3s. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/showexpl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showexpl>
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URL: <https://ctan.org/pkg/showframe>  
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MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/openSUSE>
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MIRROR: <https://mirror.ctan.org/support/jpeg2ps/os2>



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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/binarytree>
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 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/esint>
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 URL: <https://ctan.org/pkg/eqmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/eqmark>
- *The tsconfig package. Setup support for T<sub>E</sub>Xshell.* 2016-06-24. LICENSE: nocommercial. The tsconfig program tries to make the configuration of the by J. Schlegelmilch easier, especially if you have a lot of computers with different processors.  
 URL: <https://ctan.org/pkg/tsconfig>  
 MIRROR: <https://mirror.ctan.org/systems/win32/tsconfig>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cellspace>
- *The cmdstring package. Get command name reliably.* 2016-06-24. Version 1.1. LICENSE: lppl. Extracts the letters of a command's name (e.g., for command ), in a reliable way.  
 URL: <https://ctan.org/pkg/cmdstring>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdstring>
  - *The xifthen package. Extended conditional commands.* 2016-06-24. Version 1.4.0. LICENSE: lppl. This package extends the package by implementing new commands to go within the first argument of : to test whether a string is void or not, if a command is defined or equivalent to another. The package also enables use of complex expressions as introduced by the package , together with the ability of defining new commands to handle complex tests.  
 URL: <https://ctan.org/pkg/xifthen>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xifthen>
  - *The xnewcommand package. Define \global and \protected commands with \newcommand.* 2016-06-24. Version 1.2. LICENSE: lppl. The package provides the means of defining and (e-TeX) commands, within the framework of L<sup>A</sup>T<sub>E</sub>X's standard .  
 URL: <https://ctan.org/pkg/xnewcommand>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xnewcommand>
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 URL: <https://ctan.org/pkg/xoptarg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xoptarg>
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- Nolda, Andreas. *The overlays package. Incremental slides*. 2021-02-23. Version 2.12. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/overlays>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/overlays>
- *The tagpair package. Word-by-word glosses, translations, and bibliographic attributions*. 2016-09-23. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tagpair>  
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 URL: <https://ctan.org/pkg/xpdf>
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 URL: <https://ctan.org/pkg/r-und-s>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/r\\_und\\_s](https://mirror.ctan.org/macros/latex/contrib/r_und_s)
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 URL: <https://ctan.org/pkg/langsci>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/langsci>
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 URL: <https://ctan.org/pkg/iso209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/iso>
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 URL: <https://ctan.org/pkg/csfonts>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts.tar.gz>
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 URL: <https://ctan.org/pkg/bmstu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bmstu>
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 URL: <https://ctan.org/pkg/babel-belarusian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/belarusian>
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 URL: <https://ctan.org/pkg/fibeamer>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/beamer-contrib/themes/fibeamer>
- *The fithesis package. Thesis class and template for Masaryk University (Brno, Czech Republic)*. 2022-08-17. Version 1.1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fithesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fithesis>
  - *The lt3luabridge package. Execute Lua code in any T<sub>E</sub>X engine that exposes the shell*. 2022-10-24. Version 2.0.2. LICENSE: lppl1.3c. This is an (-generic) package for plain T<sub>E</sub>X, L<sup>A</sup>T<sub>E</sub>X, and ConT<sub>E</sub>Xt that allows you to execute Lua code in LuaT<sub>E</sub>X or any other T<sub>E</sub>X engine that exposes the shell.  
 URL: <https://ctan.org/pkg/lt3luabridge>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lt3luabridge>
  - *The markdown package. A package for converting and rendering markdown documents inside T<sub>E</sub>X*. 2022-10-31. Version 2.18.0-0-gd8ae860. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/markdown>  
 MIRROR: <https://mirror.ctan.org/macros/generic/markdown>
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 URL: <https://ctan.org/pkg/csbulletin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csbulletin>
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 URL: <https://ctan.org/pkg/antp>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/psfonts/polish/antp>

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 URL: <https://ctan.org/pkg/antt>  
 MIRROR: <https://mirror.ctan.org/fonts/antt>
- *The cyklop package. The Cyclop typeface*. 2016-06-24. Version 0.915. LICENSE: gfl  
 URL: <https://ctan.org/pkg/cyklop>  
 MIRROR: <https://mirror.ctan.org/fonts/cyklop>
  - *The iwona package. A two-element sans-serif font*. 2018-06-16. Version 0.995b. LICENSE: gfl  
 URL: <https://ctan.org/pkg/iwona>  
 MIRROR: <https://mirror.ctan.org/fonts/iwona>
  - *The kurier package. A two-element sans-serif typeface*. 2018-06-16. Version 0.995b. LICENSE: gfl  
 URL: <https://ctan.org/pkg/kurier>  
 MIRROR: <https://mirror.ctan.org/fonts/kurier>
  - *The plpsfont package. Polish extension of CM fonts in Type 1 format*. 2016-06-24. Version 1.15. LICENSE: pd. This package is the Polish extension of the Computer Modern fonts (known as PL fonts), in Adobe Type 1 (PostScript) format. The fonts use the same .tfm files as for the . This release of fonts was adapted to the (mostly guessed) demands of the Windows environment, while keeping the fonts usable with T<sub>E</sub>X; however, encoding files are now added, as Windows and T<sub>E</sub>X use different encoding schemes.  
 URL: <https://ctan.org/pkg/plpsfont>  
 MIRROR: <https://mirror.ctan.org/language/polish/plpsfont>
  - *The poligraf package. A T<sub>E</sub>X macro package for prepress*. 2016-06-24. Version 2.0. LICENSE: pd. A set of macros (employing PostScript) supporting professional page preparation for prepress; includes color separation (it needs package), crop-marks, colour and grey scale bars, etc.  
 URL: <https://ctan.org/pkg/poligraf>  
 MIRROR: <https://mirror.ctan.org/macros/generic/T<sub>E</sub>X-PS/poligraf>
- Nüsken, Michael. *The computational-complexity package. Class for the journal Computational Complexity*. 2016-06-24. Version 2.25f. LICENSE: lpl1.2  
 URL: <https://ctan.org/pkg/computational-complexity>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/computational-complexity>
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 URL: <https://ctan.org/pkg/glossaries-swedish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-swedish>
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 URL: <https://ctan.org/pkg/vxu>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/vxu>
- Oberdiek, Heiko. *The accsupp package. Better accessibility support for PDF files*. 2019-12-07. Version 0.6. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/accsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/accsupp>
- *The aliascnt package. Alias counters*. 2018-09-08. Version 1.5. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/aliascnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
  - *The alphalph package. Convert numbers to letters*. 2019-12-14. Version 2.6. LICENSE: lpl1.3. Provides commands and They are like but the expansion consists of lowercase and uppercase letters respectively (1 to a, 26 to z, 27 to aa, 52 to zz, 53 to ba, 702 to zz, 703 to aaa, etc.). Can be used as a replacement for L<sup>A</sup>T<sub>E</sub>X's and macros.  
 URL: <https://ctan.org/pkg/alphalph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alphalph>
  - *The atbegshi package. Execute stuff at \shipout time*. 2019-12-07. Version 1.19. LICENSE: lpl1.3. This package is a modern reimplementaion of package , providing various commands to be executed before a command. It makes use of e-T<sub>E</sub>X's facilities if they are available. The package may be used either with L<sup>A</sup>T<sub>E</sub>X or with plain T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/atbegshi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atbegshi>
  - *The atenddvi package. Provides the \AtEndDvi command*. 2020-11-12. Version 1.5. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/atenddvi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atenddvi>
  - *The attachfile2 package. Attach files into PDF*. 2019-11-27. Version 2.11. LICENSE: lpl1.3c. This package can be used to attach files to a PDF document. It is a further development of Scott Pakin's package for . Apart from bug fixes, this package adds support

for dvips, some new options, and gets and writes meta information data about the attached files.

URL: <https://ctan.org/pkg/attachfile2>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile2>

- Oberdiek, Heiko. *The atveryend package. Hooks at the very end of a document.* 2019-12-12. Version 1.11. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X packages provides two hooks for that are executed after the hook of : can be used for code that is to be executed right after the last before the “ file is closed. is used for code after closing and final reading of the “ file.

URL: <https://ctan.org/pkg/atveryend>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atveryend>

- *The auxhook package. Hooks for auxiliary files.* 2019-12-22. Version 1.6. LICENSE: lppl1.3. This package auxhook provides hooks for adding stuff at the begin of files.

URL: <https://ctan.org/pkg/auxhook>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auxhook>

- *The backref package. Make hyper-references back from bibliography to citation.* 2021-02-11. Version 1.41. LICENSE: lppl1.3. This package is part of the bundle, and only works when loaded with hyperref.

URL: <https://ctan.org/pkg/backref>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>

- *The bigintcalc package. Integer calculations on very large numbers.* 2019-12-21. Version 1.5. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/bigintcalc>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bigintcalc>

- *The bitset package. Handle bit-vector datatype.* 2019-12-14. Version 1.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/bitset>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bitset>

- *The bmpsize package. Extract size and resolution data from bitmap files.* 2019-12-31. Version 1.8. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/bmpsize>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/bmpsize.dtx>

- *The bookmark package. A new bookmark (outline) organization for hyperref.* 2020-11-08. Version 1.29. LICENSE: lppl1.3c. This package implements a new bookmark (outline) organization for package . Bookmark properties such as style and color can now be set. Other action types are available (URL, GoToR, Named). The bookmarks are generated in the first compile run. Package uses two runs.

URL: <https://ctan.org/pkg/bookmark>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bookmark>

- *The catchfile package. Catch an external file into a macro.* 2019-12-14. Version 1.8. LICENSE: lppl1.3. This package catches the contents of a file and puts it in a macro. It requires . Both and are supported.

URL: <https://ctan.org/pkg/catchfile>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catchfile>

- *The centernot package. Centred \not command.* 2018-01-06. Version 1.4. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/centernot>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/centernot.dtx>

- *The chemarr package. Arrows for chemists.* 2018-01-06. Version 1.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/chemarr>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/chemarr.dtx>

- *The classlist package. Record classes used in a document.* 2019-09-28. Version 1.5. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/classlist>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/classlist.dtx>

- *The colonequals package. Colon equals symbols.* 2016-06-24. Version 1.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/colonequals>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/colonequals.dtx>

- *The dosepsbin package. Deal with DOS binary EPS files.* 2016-07-05. Version 1.2. LICENSE: artistic

URL: <https://ctan.org/pkg/dosepsbin>

MIRROR: <https://mirror.ctan.org/support/dosepsbin>

- *The dvipscol package. Alter the usage of the dvips colour stack.* 2018-01-06. Version 1.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/dvipscol>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/dvipscol.dtx>

- *The embedfile package. Embed files into PDF.* 2020-04-24. Version 2.11. LICENSE: lppl1.3c. This package embeds files in a PDF document, using the PDF format’s embedding operation (note the contrast with the attach operation used by the and packages). Currently only >=1.30, in PDF mode, is supported.



- URL: <https://ctan.org/pkg/embedfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedfile>
- Oberdiek, Heiko. *The engord package. Converts numbers to English ordinal numbers*. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/engord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/engord.dtx>
- *The enparen package. Consistent nested brackets*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/enparen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>
  - *The eolgrab package. Catch arguments delimited by end of line*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eolgrab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
  - *The epstopdf-pkg package. Call epstopdf "on the fly"*. 2020-01-24. Version 2.11. LICENSE: lppl1.3. The package adds support for EPS files in the package when running under pdfTeX. If an EPS graphic is detected, the package spawns a process to convert the EPS to PDF, using the script . This of course requires that shell escape is enabled for the pdfTeX run.  
URL: <https://ctan.org/pkg/epstopdf-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epstopdf-pkg>
  - *The etexcmds package. Avoid name clashes with e-TeX commands*. 2019-12-31. Version 1.7. LICENSE: lppl1.3. New primitive commands are introduced in e-TeX; sometimes the names collide with existing macros. This package solves the name clashes by adding a prefix to e-TeX's commands. For example, eTeX's is provided as .  
URL: <https://ctan.org/pkg/etexcmds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etexcmds>
  - *The fibnum package. Generate Fibonacci numbers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fibnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/fibnum.dtx>
  - *The flags package. Setting and clearing of flags in bit fields*. 2016-06-24. Version 0.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/flags>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/flags.dtx>
  - *The gettitlestring package. Clean up title references*. 2019-12-21. Version 1.6. LICENSE: lppl1.3. Cleans up the title string (removing commands) for packages (such as ) that typeset such strings.  
URL: <https://ctan.org/pkg/gettitlestring>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gettitlestring>
  - *The grfext package. Manipulate the graphics package's list of extensions*. 2019-12-06. Version 1.3. LICENSE: lppl1.3. This package provides macros for adding to, and reordering the list of graphics file extensions recognised by package .  
URL: <https://ctan.org/pkg/grfext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfext>
  - *The grffile package. Extended file name support for graphics (legacy package)*. 2019-11-11. Version 2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/grffile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grffile>
  - *The hobsub package. Construct package bundles*. 2019-11-17. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hobsub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hobsub>
  - *The hologo package. A collection of logos with bookmark support*. 2021-11-17. Version 1.15. LICENSE: lppl1.3c. The package defines a single command , whose argument is the usual case-confused ASCII version of the logo. The command is bookmark-enabled, so that every logo becomes available in bookmarks without further work.  
URL: <https://ctan.org/pkg/hologo>  
MIRROR: <https://mirror.ctan.org/macros/generic/hologo>
  - *The holtxdoc package. Documentation macros for oberdiek bundle, etc*. 2019-11-15. Version 0.29. LICENSE: lppl1.3c. These are personal macros, which are not necessarily useful to other authors (they are provided as part of the source of others of the author's packages). Macros that may be of use to other authors are available separately, in package .  
URL: <https://ctan.org/pkg/holtxdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>
  - *The hopatch package. Load patches for packages*. 2020-08-18. Version 1.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hopatch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hopatch>
  - *The hycolor package. Implements colour for packages hyperref and bookmark*. 2020-01-28. Version 1.10. LICENSE: lppl1.3. This package provides the code for the option that is used by packages and . It is not intended as package for the user.



- URL: <https://ctan.org/pkg/hycolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hycolor>
- Oberdiek, Heiko. *The hypbmsec package. Hypertext bookmarks in sectioning commands*. 2018-01-06. Version 2.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hypbmsec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypbmsec.dtx>
- *The hypcap package. Adjusting the anchors of captions*. 2018-01-06. Version 1.12. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hypcap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypcap.dtx>
  - *The hypdestopt package. Hyperref destination optimizer*. 2020-09-07. Version 2.7. LICENSE: lppl1.3. This package supports `pdfTeX` driver. It removes unnecessary destinations and shortens the destination names or uses numbered destinations to get smaller PDF files.  
URL: <https://ctan.org/pkg/hypdestopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdestopt>
  - *The hypdoc package. Hyper extensions for doc.sty*. 2022-07-03. Version 1.17. LICENSE: lppl1.3c. This package adds hypertext features to the package that is used in the documentation system of `. Bookmarks are added and references are linked as far as possible`.  
URL: <https://ctan.org/pkg/hypdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdoc>
  - *The hypgotoe package. Links to embedded files*. 2019-12-31. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hypgotoe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>
  - *The hyphsubst package. Substitute hyphenation patterns*. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hyphsubst>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>
  - *The ifdraft package. Detect “draft” and “final” class options*. 2018-01-06. Version 1.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ifoldraft>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/ifoldraft.dtx>
  - *The iflang package. Expandable checks for the current language*. 2018-09-08. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/iflang>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>
  - *The infwarerr package. Complete set of information/warning/error message macros*. 2019-12-06. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/infwarerr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
  - *The inputenx package. Enhanced input encoding handling*. 2019-12-01. Version 1.12. LICENSE: lppl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does `inputenc`; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package `inputenc`.  
URL: <https://ctan.org/pkg/inputenx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputenx>
  - *The intcalc package. Expandable arithmetic operations with integers*. 2019-12-21. Version 1.3. LICENSE: lppl1.3. This package provides expandable arithmetic operations with integers, using the `e-TeX` extension if it is available.  
URL: <https://ctan.org/pkg/intcalc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intcalc>
  - *The kvdefinekeys package. Define keys for use in the kvsetkeys package*. 2019-12-21. Version 1.6. LICENSE: lppl1.3c. The package provides a macro (analogous to `\newcommand`, to define keys for use by `\setkeys`.
  - *The kvoptions package. Key value format for package options*. 2022-06-16. Version 3.15. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/kvoptions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvoptions>
  - *The kvsetkeys package. Key value parser with default handler support*. 2022-10-05. Version 1.19. LICENSE: lppl1.3. This package provides `\kvsetkeys`, a variant of package `kvoptions`. It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see `kvsetkeys`’s shorthands) and only one level of curly braces are removed from the values.  
URL: <https://ctan.org/pkg/kvsetkeys>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
  - *The LaTeX-tds package. A structured copy of the L<sup>A</sup>T<sub>E</sub>X distribution*. 2021-03-14. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-tds>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-tds>

- Oberdiek, Heiko. *The letltxmacro package. Let assignment for L<sup>A</sup>T<sub>E</sub>X macros*. 2019-12-06. Version 1.6. LICENSE: lppl1.3. TeX's assignment does not work for L<sup>A</sup>T<sub>E</sub>X macros with optional arguments or for macros that are defined as robust macros by . This package defines that also takes care of the involved internal macros.  
URL: <https://ctan.org/pkg/letltxmacro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letltxmacro>
- *The listingsutf8 package. Allow UTF-8 in listings input*. 2019-12-14. Version 1.5. LICENSE: lppl1.3. Package does not support files with multi-byte encodings such as UTF-8. In the case of , a simple workaround is possible if a one-byte encoding exists that the file can be converted to. The package requires the e-TeX extensions under pdfTeX (in either PDF or DVI output mode).  
URL: <https://ctan.org/pkg/listingsutf8>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listingsutf8>
  - *The ltxcmds package. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use*. 2020-09-24. Version 1.25. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ltxcmds>  
MIRROR: <https://mirror.ctan.org/macros/generic/ltxcmds>
  - *The luacolor package. Color support based on LuaTeX's node attributes*. 2021-02-18. Version 1.17. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luacolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/luacolor>
  - *The luatex-pkg package. Basic definitions for LuaTeX*. 2019-11-15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luatex-pkg>
  - *The magicnum package. Access T<sub>E</sub>X systems' "magic numbers"*. 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/magicnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magicnum>
  - *The makerobust package. Making a macro robust (legacy package)*. 2019-11-17. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makerobust>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makerobust>
  - *The mkjobtexmf package. Generate a texmf tree for a particular job*. 2016-06-24. Version 0.8. LICENSE: artistic  
URL: <https://ctan.org/pkg/mkjobtexmf>  
MIRROR: <https://mirror.ctan.org/support/mkjobtexmf>
  - *The mleftright package. Variants of delimiters that act as maths open/close*. 2019-12-06. Version 1.2. LICENSE: lppl1.3. The package defines variants and of and , that make the delimiters act as and . These commands address spacing difficulties in subformulas.  
URL: <https://ctan.org/pkg/mleftright>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mleftright>
  - *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek*. 2022-09-22. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/oberdiek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek>
  - *The pagegrid package. Print page grid in background*. 2022-09-24. Version 1.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pagegrid>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagegrid>
  - *The pagesel package. Select pages of a document for output*. 2020-08-18. Version 1.10. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pagesel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagesel>
  - *The pdfcol package. Macros for maintaining colour stacks under pdfTeX*. 2022-09-24. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pdfcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcol>
  - *The pdfcolfoot package. Separate color stack for footnotes with pdfTeX*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pdfcolfoot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolfoot.dtx>
  - *The pdfcolmk package. Improved colour support under pdfTeX (legacy stub)*. 2019-11-27. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pdfcolmk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcolmk>
  - *The pdfcolparallel package. Fix colour problems in package 'parallel'*. 2019-12-31. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pdfcolparallel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparallel.dtx>
  - *The pdfcolparcolumns package. Fix colour problems in package 'parcolumns'*. 2019-12-31. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pdfcolparcolumns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcolparcolumns.dtx>

- Oberdiek, Heiko. *The pdfcrop package. Crop PDF graphics*. 2020-06-06. Version 1.40. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfcrop>  
 MIRROR: <https://mirror.ctan.org/support/pdfcrop>
- *The pdfcrypt package. Allows the setting of pdf encryption*. 2018-01-06. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pdfcrypt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfcrypt.dtx>
  - *The pdfescape package. Implements pdfTeX's escape features using T<sub>E</sub>X or e-TeX*. 2019-12-14. Version 1.15. LICENSE: lppl1.3. This package implements 's escape features ( , , ) using T<sub>E</sub>X or e-TeX.  
 URL: <https://ctan.org/pkg/pdfescape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfescape>
  - *The pdfscape package. Make landscape pages display as landscape*. 2022-10-29. Version 0.13. LICENSE: lppl1.3c. The package adds PDF support to the landscape environment of package , by setting the PDF page attribute. Pages with this attribute will be displayed in landscape orientation by conforming PDF viewers.  
 URL: <https://ctan.org/pkg/pdfscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfscape>
  - *The pdfrender package. Control rendering parameters*. 2019-12-31. Version 1.6. LICENSE: lppl1.3. The package provides interfaces for the user to control PDF parameters, such as line width or text rendering mode. The control operations work in a manner very similar to that of the package.  
 URL: <https://ctan.org/pkg/pdfrender>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfrender.dtx>
  - *The pdftexcmds package. LuaTeX support for pdfTeX utility functions*. 2020-06-29. Version 0.33. LICENSE: lppl1.3c. LuaTeX provides most of the commands of 1.40. However, a number of utility functions are not available. This package tries to fill the gap and implements some of the missing primitives using Lua.  
 URL: <https://ctan.org/pkg/pdftexcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdftexcmds>
  - *The picture package. Dimens for picture macros*. 2020-04-23. Version 1.6. LICENSE: lppl1.3. There are macro and environment arguments that expect numbers that will internally be multiplied by . This package extends the syntax of these arguments, so that dimensions with calculation support may be used for these arguments.  
 URL: <https://ctan.org/pkg/picture>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/picture>
  - *The pkfix package. Replace pk fonts in PostScript with Type 1 fonts*. 2018-01-06. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pkfix>  
 MIRROR: <https://mirror.ctan.org/support/pkfix>
  - *The pmbboxdraw package. Poor man's box drawing characters*. 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pmbboxdraw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmbboxdraw>
  - *The protecteddef package. Define protected commands*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package defines a command that will create L<sup>A</sup>T<sub>E</sub>X 'robust' command or an e-TeX 'protected' command as appropriate to its environment.  
 URL: <https://ctan.org/pkg/protecteddef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>
  - *The refcount package. Counter operations with label references*. 2019-12-21. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcount>
  - *The rerunfilecheck package. Checksum based rerun checks on auxiliary files*. 2022-07-10. Version 1.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rerunfilecheck>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rerunfilecheck>
  - *The resizgather package. Automatically resize overly large equations*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/resizgather>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizgather.dtx>
  - *The rotchiffre package. Perform simple rotation cyphers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rotchiffre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>
  - *The scrindex package. Make index package work with Koma-script classes*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scrindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>

- Oberdiek, Heiko. *The selinput package. Semi-automatic detection of input encoding*. 2019-12-14. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selinput>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selinput>
- *The setouterhbox package. Set hbox in outer horizontal mode*. 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then  $\TeX$  performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.  
 URL: <https://ctan.org/pkg/setouterhbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>
  - *The settobox package. Assigning dimensions of a box to a length register*. 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:  
 URL: <https://ctan.org/pkg/settobox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>
  - *The soulutf8 package. Permit use of UTF-8 characters in soul*. 2019-12-21. Version 1.2. LICENSE: lppl1.3. This package extends package and adds some support for UTF-8. Namely the input encodings in " from package and " from package are supported.  
 URL: <https://ctan.org/pkg/soulutf8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/soulutf8>
  - *The stackrel package. Enhancement to the \stackrel command*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stackrel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stackrel.dtx>
  - *The stampinclude package. Inclusion based on .aux file date stamps*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stampinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stampinclude.dtx>
  - *The stringenc package. Converting a string between different encodings*. 2019-12-02. Version 1.12. LICENSE: lppl1.3. This package provides for converting a string between different encodings. Both and are supported.  
 URL: <https://ctan.org/pkg/stringenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stringenc>
  - *The tabularht package. Tabular environments with height specified*. 2019-12-31. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tabularht>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularht.dtx>
  - *The tabularkv package. Tabular environments with key-value interface*. 2018-01-06. Version 1.2. LICENSE: lppl1.3. The tabularkv package creates an environment , whose arguments are specified in key-value form. The arguments chosen determine which other type of tabular is to be used (whether standard  $\LaTeX$  ones, or environments from the or the package).  
 URL: <https://ctan.org/pkg/tabularkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularkv.dtx>
  - *The telprint package. Format German phone numbers*. 2018-01-06. Version 1.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/telprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/telprint.dtx>
  - *The thepdfnumber package. Print PDF numbers with minimal digits*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/thepdfnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdfnumber.dtx>
  - *The thumbpdf package. Thumbnails for pdfTeX and dvips/ps2pdf*. 2018-09-08. Version 3.17. LICENSE: lppl1.3. A Perl script that provides support for thumbnails in and /ps2pdf. The script uses to generate the thumbnails which get represented in a  $\TeX$  readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain  $\TeX$  and  $\LaTeX$ .  
 URL: <https://ctan.org/pkg/thumbpdf>  
 MIRROR: <https://mirror.ctan.org/support/thumbpdf>
  - *The transparent package. Using a color stack for transparency with pdfTeX*. 2022-10-29. Version 1.5. LICENSE: lppl1.3c. and support several color stacks. This package shows how a separate color stack can be used for transparency, a property besides color that works across page breaks. If the PDF management is used it can also be used with other engines, but without support for page breaks.  
 URL: <https://ctan.org/pkg/transparent>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/transparent>
  - *The twoopt package. Definitions with two optional arguments*. 2018-01-06. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/twoopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/twoopt.dtx>



- Oberdiek, Heiko. *The uniquecounter package*. Provides unlimited unique counter. 2019-12-21. Version 1.4. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/uniquecounter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uniquecounter>
- The vpe package. Source specials for PDF output. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/vpe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vpe>
- The zref package. A new reference scheme for L<sup>A</sup>T<sub>E</sub>X. 2022-04-07. Version 2.34. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref>
- Oberdiek, Heiko, Oberdiek Package Support Group, and Sebastian Rahtz. *The nameref package*. Make reference to section names, etc. 2022-05-17. Version 2.50. LICENSE: lppl1.3. Defines a command, that makes reference to an object by its name (e.g., the title of a section or chapter). The package is part of the bundle, and works well with hyperref.  
URL: <https://ctan.org/pkg/nameref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko, Sebastian Rahtz, Oberdiek Package Support Group, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The hyperref package*. Extensive support for hypertext in L<sup>A</sup>T<sub>E</sub>X. 2022-11-13. Version 7.00u. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hyperref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko and Bastien Roucarie's. *The pax package*. Extract and reinsert PDF annotations with pdfTeX. 2022-06-07. LICENSE: lppl,gpl  
URL: <https://ctan.org/pkg/pax>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pax>
- Obrecht, Christian. *The eukleides package*. A geometry drawing system. 2018-09-15. Version 1.5.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/eukleides>  
MIRROR: <https://mirror.ctan.org/support/eukleides>
- The mafr package. Mathematics in accord with French usage. 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/mafr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mafr>
- The variations package. Typeset tables of variations of functions. 2016-06-24. Version 0.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/variations>  
MIRROR: <https://mirror.ctan.org/macros/generic/variations>
- Ochoa, Geri. *The beamertheme-cuernavaca package*. A beamer theme with 4 colour palettes. 2018-01-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/beamertheme-cuernavaca>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-cuernavaca>
- Oetiker, Tobias. *The lshort package*. A short introduction to L<sup>A</sup>T<sub>E</sub>X 2ε. 2016-06-24. LICENSE: collection. Lshort started as a translation and rationalisation of a ground-breaking German-language introduction to L<sup>A</sup>T<sub>E</sub>X. It has since taken on a momentum of its own, and has itself been translated into a number of languages. Thus we have introductory text available to a wide proportion of the user community. The archive holds versions in , , , , , , , , , , , , , , and .  
URL: <https://ctan.org/pkg/lshort>  
MIRROR: <https://mirror.ctan.org/info/lshort>
- The lshort-english package. A (Not So) Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2ε. 2021-03-09. Version 6.4. LICENSE: gpl2  
URL: <https://ctan.org/pkg/lshort-english>  
MIRROR: <https://mirror.ctan.org/info/lshort/english>
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 MIRROR: <https://mirror.ctan.org/macros/generic/apnum>
  - *The code128 package. Barcode macros for the Code 128 standard*. 2016-06-24. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/macros/generic/code128>
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 URL: <https://ctan.org/pkg/csfonts-t1>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts-t1.tar.gz>
  - *The csplain package. Plain T<sub>E</sub>X multilanguage support*. 2022-03-17. Version Mar. 2022. LICENSE: other-free  
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 URL: <https://ctan.org/pkg/fcolumn>  
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URL: <https://ctan.org/pkg/xcolor-material>  
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URL: <https://ctan.org/pkg/chextras>  
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 URL: <https://ctan.org/pkg/semtex>  
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 URL: <https://ctan.org/pkg/egameps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/egameps>
- *The latex-bnf package. L<sup>A</sup>T<sub>E</sub>X macros for typing BNF specifications*. 2016-06-24. Version 1.1a. LICENSE: noinfo. The package defines an environment . The contents of the environment is a context-free grammar, and the environment will pretty-print it.  
 URL: <https://ctan.org/pkg/latex-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
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 URL: <https://ctan.org/pkg/rputover>  
 MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/rputover>
  - *The sgame package. L<sup>A</sup>T<sub>E</sub>X style for typesetting strategic games*. 2017-04-18. Version 2.15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/sgame>  
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URL: <https://ctan.org/pkg/ehline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ehline>
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URL: <https://ctan.org/pkg/labels4easylist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels4easylist>
  - *The pdfarticle package. Class for pdf publications*. 2019-05-15. Version 1.0. LICENSE: mit  
URL: <https://ctan.org/pkg/pdfarticle>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pdfarticle>
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URL: <https://ctan.org/pkg/tikzpackages>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackages>
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URL: <https://ctan.org/pkg/arlatex>  
MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The attachfile package. Attach arbitrary files to a PDF document*. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>
  - *The boxedminipage package. Framed minipages of a specified total width (text and frame combined)*. 2020-04-21. Version 1.1. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>
  - *The bundledoc package. Bundle together all the files needed to build a L<sup>A</sup>T<sub>E</sub>X document*. 2022-10-04. Version 3.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bundledoc>  
MIRROR: <https://mirror.ctan.org/support/bundledoc>
  - *The bytefield package. Create illustrations for network protocol specifications*. 2021-08-18. Version 2.7. LICENSE: lppl1.3a  
URL: <https://ctan.org/pkg/bytefield>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>



- Pakin, Scott. *The comicsans package. Use Microsoft Comic Sans font.* 2021-09-11. Version 1.0g. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comicans>  
 MIRROR: <https://mirror.ctan.org/fonts/comicans>
- *The cooltooltips package. Associate a pop-up window and tooltip with PDF hyperlinks.* 2021-08-09. Version 1.1. LICENSE: lppl. The cooltooltips package enables a document to contain hyperlinks that pop up a brief tooltip when the mouse moves over them and also open a small window containing additional text. cooltooltips provides the mechanism used by the to indicate the question that each hyperlink answers.  
 URL: <https://ctan.org/pkg/cooltooltips>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooltooltips>
  - *The covfonts package. Make Apostrophic Laboratories's Covington fonts available to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2022-04-24. Version 1.0a. LICENSE: lppl. The covfonts package provides all of the font metrics, virtual fonts, font-description files, and font-mapping files needed to use Apostrophic Laboratories's freely downloadable with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/covfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/covfonts>
  - *The ctanify package. Prepare a package for upload to CTAN.* 2017-04-23. Version 1.9.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ctanify>  
 MIRROR: <https://mirror.ctan.org/support/ctanify>
  - *The dashrule package. Draw dashed rules.* 2016-06-24. Version 1.3. LICENSE: lppl. The dashrule package makes it easy to draw a huge variety of dashed rules (i.e., lines) in L<sup>A</sup>T<sub>E</sub>X. dashrule provides a command, `\dashrule`, which is a cross between L<sup>A</sup>T<sub>E</sub>X's `\rule` and PostScript's `setdash` command. `\dashrule` draws horizontally dashed rules using the same syntax as `\rule`, but with an additional, `setdash`-like parameter that specifies the pattern of dash segments and the space between those segments. Because dashrule's rules are constructed internally using (as opposed to, e.g., PostScript `s`) they are fully compatible with every L<sup>A</sup>T<sub>E</sub>X back-end processor.  
 URL: <https://ctan.org/pkg/dashrule>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrule>
  - *The dtxtut package. Tutorial on writing .dtx and .ins files.* 2016-06-24. Version 2.1. LICENSE: lppl1.3. This tutorial is intended for advanced L<sup>A</sup>T<sub>E</sub>X2e users who want to learn how to create and files for distributing their homebrewed classes and package files.  
 URL: <https://ctan.org/pkg/dtxtut>  
 MIRROR: <https://mirror.ctan.org/info/dtxtut>
  - *The eqparbox package. Create equal-widthed parboxes.* 2017-09-04. Version 4.1. LICENSE: lppl1.3c. L<sup>A</sup>T<sub>E</sub>X users sometimes need to ensure that two or more blocks of text occupy the same amount of horizontal space on the page. To that end, the eqparbox package defines a new command, `\eqparbox`, which works just like `\parbox`, except that instead of specifying a width, one specifies a tag. All eqparboxes with the same tag—regardless of where they are in the document—will stretch to fit the widest eqparbox with that tag. This simple, equal-width mechanism can be used for a variety of alignment purposes, as is evidenced by the examples in eqparbox's documentation. Various derivatives of `\eqparbox` are also provided.  
 URL: <https://ctan.org/pkg/eqparbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqparbox>
  - *The filecontents package. Create an external file from within a L<sup>A</sup>T<sub>E</sub>X document.* 2019-09-21. Version 1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/filecontents>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontents>
  - *The hyperxmp package. Embed XMP metadata within a L<sup>A</sup>T<sub>E</sub>X document.* 2020-11-22. Version 5.9. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hyperxmp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperxmp>
  - *The IEEEconf package. Macros for IEEE conference proceedings.* 2021-06-23. Version 1.4. LICENSE: lppl. The IEEEconf class implements the dictated by the IEEE Computer Society Press for conference proceedings.  
 URL: <https://ctan.org/pkg/ieeeconf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEconf>
  - *The leawood package. L<sup>A</sup>T<sub>E</sub>X support for use of ITC Leawood font family.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/leawood>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/leawood>
  - *The listliketab package. Typeset lists as tables.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/listliketab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>
  - *The mf2pt1 package. Convert stylized Metafont to PostScript Type 1.* 2021-12-04. Version 2.7. LICENSE: lppl1.3c. mf2pt1 is a Perl script that facilitates producing PostScript Type 1 fonts from a Metafont source file. It is not, as the name may imply, an automatic converter of arbitrary Metafont fonts to Type 1 format. mf2pt1 imposes a number of restrictions on the Metafont input. If these restrictions are met, mf2pt1 will produce valid Type 1 output with more accurate control points than can be reverse-engineered

- by `TEXtrace`, and other programs which convert bitmaps to outline fonts.  
 URL: <https://ctan.org/pkg/mf2pt1>  
 MIRROR: <https://mirror.ctan.org/support/mf2pt1>
- Pakin, Scott. *The mftinc package. Pretty-print Metafont source*. 2016-06-24. Version 1.0a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mftinc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>
- *The newcommand package. Generate new L<sup>A</sup>T<sub>E</sub>X command definitions*. 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple `-style` commands, in L<sup>A</sup>T<sub>E</sub>X, is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
 URL: <https://ctan.org/pkg/newcommand>  
 MIRROR: <https://mirror.ctan.org/support/newcommand>
  - *The perl<sub>tex</sub> package. Define L<sup>A</sup>T<sub>E</sub>X macros in terms of Perl code*. 2019-09-23. Version 2.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/perl<sub>tex</sub>>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perl<sub>tex</sub>>
  - *The pkfix-helper package. Make PostScript files accessible to pkfix*. 2020-08-06. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pkfix-helper>  
 MIRROR: <https://mirror.ctan.org/support/pkfix-helper>
  - *The purifyeps package. Make EPS work with both L<sup>A</sup>T<sub>E</sub>X/dvips and pdfLaTeX*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/purifyeps>  
 MIRROR: <https://mirror.ctan.org/support/purifyeps>
  - *The repl<sub>tex</sub> package. Control how text gets copied from a PDF file*. 2020-09-25. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/repl<sub>tex</sub>>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repl<sub>tex</sub>>
  - *The savetrees package. Optimise the use of each page of a L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. Version 2.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/savetrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savetrees>
  - *The spverbatim package. Allow line breaks within `\verb` and `verbatim` output*. 2016-06-24. Version 1.0. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X’s macro treats its argument as an unbreakable unit of text. This can lead to poor typesetting, especially when the argument is long. The `spverbatim` package provides an macro that is analogous to `and` and an environment that is analogous to `with` with the difference being that `and` allow L<sup>A</sup>T<sub>E</sub>X to break lines at space characters.  
 URL: <https://ctan.org/pkg/spverbatim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spverbatim>
  - *The Comprehensive L<sup>A</sup>T<sub>E</sub>X Symbol List package. Symbols accessible from L<sup>A</sup>T<sub>E</sub>X*. 2021-05-06. Version 14.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/comprehensive>  
 MIRROR: <https://mirror.ctan.org/info/symbols/comprehensive>
  - *The threadcol package. Organize document columns into PDF “article thread”*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/threadcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threadcol>
  - *The uiuc<sub>redborder</sub> package. Class for UIUC thesis red-bordered forms*. 2016-06-24. Version 1.00. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/uiuc<sub>redborder</sub>>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiuc<sub>redborder</sub>>
  - *The visualFAQ package. A Visual L<sup>A</sup>T<sub>E</sub>X FAQ*. 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a L<sup>A</sup>T<sub>E</sub>X question? The Visual L<sup>A</sup>T<sub>E</sub>X FAQ is an innovative new search interface that presents over a hundred typeset samples of frequently requested document formatting. Simply click on a hyperlinked piece of text and the Visual L<sup>A</sup>T<sub>E</sub>X FAQ will send your Web browser to the appropriate page in the .  
 URL: <https://ctan.org/pkg/visualfaq>  
 MIRROR: <https://mirror.ctan.org/info/visualfaq>
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 MIRROR: <https://mirror.ctan.org/support/wheretotrim>
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 URL: <https://ctan.org/pkg/bang<sub>tex</sub>>  
 MIRROR: <https://mirror.ctan.org/language/bengali/bang<sub>tex</sub>>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>

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 URL: <https://ctan.org/pkg/lshort-estonian>  
 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
- Palmer, Michael. *The mol2chemfig package. Convert chemical structures from MDL molfile format to chemfig source code*. 2019-11-27. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mol2chemfig>  
 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
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 URL: <https://ctan.org/pkg/pdfpreview>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpreview>
- Palmieri, John H. *The bibweb package. Automatically retrieve bibliography from MathSciNet*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibweb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibweb>
- *The Ultra-TeX package. An emacs T<sub>E</sub>X mode with "lightning completion"*. 2016-06-24. LICENSE: gpl. Ultra-TeX is an Emacs mode, a distant relation of , with several enhancements (relative to the version it started from) and with a "lightning completion" mode that doesn't wait for a request for completion (the request is typically expressed by pressing the tab key).  
 URL: <https://ctan.org/pkg/ultratex>  
 MIRROR: <https://mirror.ctan.org/support/ultratex>
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 URL: <https://ctan.org/pkg/frege>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frege>
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 URL: <https://ctan.org/pkg/lmake>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmake>
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 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
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 URL: <https://ctan.org/pkg/wnri-latex>  
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 URL: <https://ctan.org/pkg/bengali-pandey>  
 MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
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 URL: <https://ctan.org/pkg/cm-unicode>  
 MIRROR: <https://mirror.ctan.org/fonts/cm-unicode>
- Pantieri, Lorenzo. *The ArsClassica package. A different view of the ClassicThesis package*. 2017-10-31. LICENSE: lppl. The package changes some typographical points of the ClassicThesis style, by André Miede. It enables the user to reproduce the look of the guide (the web page is in Italian).  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arsclassica>
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 URL: <https://ctan.org/pkg/cascade>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cascade>
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 URL: <https://ctan.org/pkg/nicematrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicematrix>

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 URL: <https://ctan.org/pkg/piton>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/piton>
- *The witharrows package. “Aligned” math environments with arrows for comments*. 2022-04-20. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/witharrows>  
 MIRROR: <https://mirror.ctan.org/macros/generic/witharrows>
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 MIRROR: <https://mirror.ctan.org/fonts/futhorc>
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 URL: <https://ctan.org/pkg/bodegraph>  
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 URL: <https://ctan.org/pkg/grafcet>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/grafcet>
  - *The schemabloc package. Draw block diagrams, using TikZ*. 2021-02-26. Version 1.5. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/schemabloc>
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 MIRROR: <https://mirror.ctan.org/support/latex2nemeth>
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 URL: <https://ctan.org/pkg/literaturnaya>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/literat>
- Parashchenko, Oleg. *The cals package. Multipage tables with wide range of features*. 2017-01-20. Version 2.4.2. LICENSE: lppl1.3. The package is a set of macros to typeset multipage tables with repeatable headers and footers, with cells spanned over rows and columns. Decorations are supported: padding, background color, width of separation rules. The code is compatible with and .  
 URL: <https://ctan.org/pkg/cals>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cals>
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 URL: <https://ctan.org/pkg/parades>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parades>
- Park, William. *The pictex2 package. Adds relative coordinates and improves the \plot command*. 2016-06-24. LICENSE: lppl. Adds two user commands to standard . One command uses relative coordinates, thus eliminating the need to calculate the coordinate of every point manually as in standard PiCTeX. The other command modifies to use a rule instead of dots if the line segment is horizontal or vertical.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pictex2/pictex2.sty>
- Park, William and Dominique Unruh. *The braille package. Support for braille*. 2016-06-24. LICENSE: lppl1.3. This package allows the user to produce Braille documents on paper for the blind without knowing Braille (which can take years to learn). Python scripts and convert ordinary text to grade 1 and 2 Braille tags; then, the L<sup>A</sup>T<sub>E</sub>X package takes the tags and prints out corresponding Braille symbols.  
 URL: <https://ctan.org/pkg/braille>  
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 URL: <https://ctan.org/pkg/bibleref-mouth>  
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- Parsloe, Andrew. *The diffcoeff package. Write differential coefficients easily and consistently*. 2022-06-14. Version 4.1. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/diffcoeff>
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 URL: <https://ctan.org/pkg/numerica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica>
  - *The numerica-plus package. Iteration and recurrence relations: finding fixed points, zeros and extrema of functions*. 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/numerica-plus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>
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 URL: <https://ctan.org/pkg/begriiff>  
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 URL: <https://ctan.org/pkg/portland>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/portland.sty>
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 URL: <https://ctan.org/pkg/sfarticle>  
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- Pasechnik, Dima and Dan Drake. *The SageTeX package. Embed Sage code and plots into  $\LaTeX$* . 2020-10-16. Version 3.5. LICENSE: gpl2+. SageTeX allows you to embed code, the results of computations, plots, and graphics from the into  $\LaTeX$  documents. It is similar in spirit to Literate Haskell and lhs2TeX.  
 URL: <https://ctan.org/pkg/sagetex>  
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 URL: <https://ctan.org/pkg/pas-crosswords>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-crosswords>
  - *The pas-cv package. Flexible typesetting of Curricula Vitae*. 2016-06-24. Version 2.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pas-cv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-cv>
  - *The pas-tableur package. Create a spreadsheet layout*. 2016-06-24. Version 2.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pas-tableur>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-tableur>
- Patashnik, Oren. *The bibtex package. Process bibliographies (bib files) for  $\LaTeX$  or other formats*. 2022-09-15. Version 0.99d. LICENSE: knuth  
 URL: <https://ctan.org/pkg/bibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/base>
- Pate, John. *The screenplay package. A class file to typeset screenplays*. 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/screenplay>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay>



- Patel-Schneider, Peter. *The aai package*. AAI style. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/aai>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/aai>
- *The aai-named package*. BibTeX style for AAI. 2019-10-23. LICENSE: other-free. A BibTeX style derived from the standard master, presumably for use with the package.  
 URL: <https://ctan.org/pkg/aai-named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aai-named.bst>
  - *The ijcai89 package*. Format papers for IJCAI 1989. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ijcai89>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>
  - *The named package*. "Named" bibliography style. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/named>
- Paternault, Louis. *The graph35 package*. Draw keys and screen items of several Casio calculators. 2022-11-29. Version 0.1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/graph35>  
 MIRROR: <https://mirror.ctan.org/graphics/graph35>
- *The pixelart package*. A package to draw pixel-art pictures. 2022-11-16. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pixelart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
  - *The SpiX package*. Yet another  $\TeX$  compilation tool: simple, human readable, no option, no magic. 2022-11-18. Version 1.3.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/spix>  
 MIRROR: <https://mirror.ctan.org/support/spix>
  - *The thalie package*. Typeset drama plays. 2022-10-09. Version 0.12a. LICENSE: lppl1.3. The package provides tools to typeset drama plays. It defines commands to introduce characters' lines, to render stage directions, to divide a play into acts and scenes and to build the automatically.  
 URL: <https://ctan.org/pkg/thalie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thalie>
- Pearlmutter, Barak A. *The bibfile-reformat-pages package*. Puts .bib file page ranges into uniform format. 2016-06-24. LICENSE: gpl. This is a small gawk script to put all the page ranges in a file into a uniform format, either 1234-1256 or upon request 1234-56; null ranges such as 1234-1234 are always scrunched to just 1234. The script squeezes out spaces around the separator; can make all separators one- or two-hyphens upon request. The script is very conservative: it is probably impossible for it actually to mess up a file.  
 URL: <https://ctan.org/pkg/bibfile-reformat-pages>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>
- Pearson, George. *The asaetr package*. Transactions of the ASAE. 2016-06-24. Version 1.0a. LICENSE: pd  
 URL: <https://ctan.org/pkg/asaetr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asaetr>
- *The scientificviewer package*. MacKichan software viewer. 2016-06-24. LICENSE: nosource  
 URL: <https://ctan.org/pkg/scientificviewer>  
 MIRROR: <https://mirror.ctan.org/systems/win32/scientificviewer>
- Pease, Emma. *The phonetic package*. Metafont Phonetic fonts, based on Computer Modern. 2020-09-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phonetic>  
 MIRROR: <https://mirror.ctan.org/fonts/phonetic>
- *The tree-dvips package*. Trees and other linguists' macros. 2016-06-24. Version .91. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/tree-dvips>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>
- Péault, Olivier. *The mptrees package*. Probability trees with MetaPost. 2021-11-02. Version 21.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mptrees>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
- *The repere package*. Diagrams for school mathematics. 2022-07-08. Version 22.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/repere>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>
- Pecheur, Charles. *The outlines package*. Produce "outline" lists. 2016-06-24. Version 1.1. LICENSE: lppl. Defines an outline environment, which allows outline-style indented lists with freely mixed levels up to four levels deep. It replaces the nested / pairs by different

item tags to for each nesting level. This is very convenient in cases where nested lists are used a lot, such as for to-do lists or presentation slides.

URL: <https://ctan.org/pkg/outlines>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/outlines>

Pedersen, Bjørn. *The bpchem package. Typeset chemical names, formulae, etc.* 2017-08-23. Version 1.1. LICENSE: lppl

URL: <https://ctan.org/pkg/bpchem>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bpchem>

— *The delimtxt package. Read and parse text tables.* 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/delimtxt>

MIRROR: <https://mirror.ctan.org/macros/latex/exptl/delimtxt>

— *The dnaseq package. Format DNA base sequences.* 2016-06-24. Version 0.01. LICENSE: lppl

URL: <https://ctan.org/pkg/dnaseq>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dnaseq>

— *The gradback package. Gradient backgrounds for dvips output.* 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/gradback>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradback>

— *The serial package. Generate serial letters.* 2016-06-24. LICENSE: lppl. The serial package provides a wrapper to the letter class for the generation of serial letters. It contains different interfaces to data base generated adress files. Additionally, a configuration file allows easy customization of the letterheads etc. Requires from and the following are recommended: , , .

URL: <https://ctan.org/pkg/serial>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/serial>

Pedersen, Lucas Alexander V. *The ku-template package. Copenhagen University or faculty logo for front page.* 2017-11-28. Version 0.02.

LICENSE: mit

URL: <https://ctan.org/pkg/ku-template>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ku-template>

Peeters, Kasper. *The gchords package. Typeset guitar chords.* 2017-04-18. Version 1.20. LICENSE: gpl

URL: <https://ctan.org/pkg/gchords>

MIRROR: <https://mirror.ctan.org/graphics/gchords>

Pégourié-Gonnard, Manuel. *The luacode package. Helper for executing lua code from within T<sub>E</sub>X.* 2016-06-24. Version 1.2a. LICENSE: lppl1.3. Executing Lua code from within T<sub>E</sub>X with can sometimes be tricky: there is no easy way to use the percent character, counting backslashes may be hard, and Lua comments don't work the way you expect. The package provides the command and the () environments to help with these problems.

URL: <https://ctan.org/pkg/luacode>

MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacode>

— *The lualatex-doc package. A guide to use of L<sup>A</sup>T<sub>E</sub>X with LuaT<sub>E</sub>X.* 2016-06-24. LICENSE: fdl

URL: <https://ctan.org/pkg/lualatex-doc>

MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc>

— *The pdf14 package. Restore PDF 1.4 to a T<sub>E</sub>X live 2010 format.* 2016-06-24. Version 0.1. LICENSE: lppl1.3. Starting with T<sub>E</sub>X Live 2010, the various formats, that directly generate PDF, default to generating PDF 1.5. This is generally a , but it can lead to compatibility issues with some older PDF viewers. This package changes the version of PDF generated with formats (based on pdfT<sub>E</sub>X or LuaT<sub>E</sub>X in PDF mode), back to 1.4 for documents that need to achieve maximal compatibility with old viewers.

URL: <https://ctan.org/pkg/pdf14>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdf14>

— *The show2e package. Variants of \show for L<sup>A</sup>T<sub>E</sub>X2e.* 2016-06-24. Version 1.0. LICENSE: lppl. This small package aims at making debugging (especially in an interactive way) easier, by providing variants suited to L<sup>A</sup>T<sub>E</sub>X2e commands (whether with optional arguments or robust) and environments. The variant commands also display the internal macros used by such commands, if any. The variant helps with macros with exotic names.

URL: <https://ctan.org/pkg/show2e>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/show2e>

— *The ted package. A (primitive) token list editor.* 2016-06-24. Version 1.06. LICENSE: lppl

URL: <https://ctan.org/pkg/ted>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ted>

— *The xargs package. Define commands with many optional arguments.* 2016-06-24. Version 1.1. LICENSE: lppl. The package provides extended versions of and related L<sup>A</sup>T<sub>E</sub>X commands, which allow easy and robust definition of macros with many optional arguments, using a clear and simple -style syntax.

- URL: <https://ctan.org/pkg/xargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xargs>
- Pégourié-Gonnard, Manuel, Philipp Gesang, Élie Roux, David Carlisle, and Joseph Wright. *The luatexbase package. Basic resource management for LuaTeX code*. 2016-06-24. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luatexbase>  
MIRROR: <https://mirror.ctan.org/macros/latex/generic/luatexbase>
- Pégourié-Gonnard, Manuel and Christine Römer. *The lualatex-doc-de package. Guide to LuaL<sup>A</sup>T<sub>E</sub>X (German translation)*. 2016-06-24. Version 1.0. LICENSE: fdl. The document is a German translation of the . Coverage supports both new users and package developers. Apart from the introductory material, the document gathers information from several sources, and offers links to others.  
URL: <https://ctan.org/pkg/lualatex-doc-de>  
MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences*. 2022-11-15. Version 2.1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bfh-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bfh-ci>
- *The mucproc package. Conference proceedings for the German MuC-conference*. 2017-04-18. Version 1.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mucproc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mucproc>
- *The tuda-ci package. L<sup>A</sup>T<sub>E</sub>X templates of Technische Universität Darmstadt*. 2022-11-04. Version 3.28. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tuda-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tuda-ci>
- *The unigrazpub package. L<sup>A</sup>T<sub>E</sub>X templates for University of Graz Library Publishing Services*. 2022-10-16. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unigrazpub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unigrazpub>
- *The urcls package. Beamer and scr<sub>l</sub>tr2 classes and styles for the University of Regensburg*. 2019-02-01. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urcls>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/urcls>
- Peischl, Marei and Alex Antener. *The qrbill package. Create QR bills using L<sup>A</sup>T<sub>E</sub>X*. 2022-10-21. Version 1.07. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/qrbill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrbill>
- Peise, Elmar. *The drawmatrix package. Draw visual representations of matrices in L<sup>A</sup>T<sub>E</sub>X*. 2017-06-05. Version 1.5.0. LICENSE: mit  
URL: <https://ctan.org/pkg/drawmatrix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawmatrix>
- Penninga, Marc. *The fontools package. Tools to simplify using fonts (especially TT/OTF ones)*. 2022-01-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/fontools>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontools>
- *The truetypemetrics package. Metrics for some TrueType font families*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/truetypemetrics>  
MIRROR: <https://mirror.ctan.org/fonts/truetypemetrics>
- Pepping, Simon. *The ifacmtg package. Elsevier Science preprint style for IFAC meetings*. 2016-06-24. LICENSE: other-nonfree. To prepare a paper for an IFAC meeting, using L<sup>A</sup>T<sub>E</sub>X, the author needs a bibliography style such as .  
URL: <https://ctan.org/pkg/ifacmtg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifacmtg>
- Peregoudov, Iliya. *The cmcyr-patch package. A set of Type 1 Cyrillic fonts*. 2016-06-24. LICENSE: noinfo. This is a set of fonts, derived from a set within the ; the originals had encoding problems, and the package offers modified (working) versions.  
URL: <https://ctan.org/pkg/cmcyr-patch>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>
- Pereira, Gilles. *The CVsty package. Yet another style for easy CV pagination*. 2019-02-03. LICENSE: pd  
URL: <https://ctan.org/pkg/cvsty>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvsty>
- Perez-Duarte, Sebastien. *The ecta package. Bibliography style for submission to Econometrica*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/ecta>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>
- Peron, Jacques. *The luaoptions package. Option handling for LuaL<sup>A</sup>T<sub>E</sub>X packages*. 2022-11-02. Version 0.8. LICENSE: mit. This LuaL<sup>A</sup>T<sub>E</sub>X package provides extensive support for handling , on package level and locally. It allows the declaration of sets of options, along

with defaults, expected/allowed values and limited type checking. These options can be enforced as package options, changed at any point during a document, or overwritten locally by optional macro arguments. It is also possible to instantiate an Options object as an independent Lua object, without linking it to a package. can be used to enforce and prepopulate options, or it can be used to simply handle the parsing of optional arguments into proper Lua tables.

URL: <https://ctan.org/pkg/luaoptions>

MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaoptions>

Peron, Jacques and The Gregorio Project. *The lyluatex package. Commands to include lilypond scores within a (Lua)LaTeX document.*

2022-11-07. Version 1.1.1. LICENSE: mit

URL: <https://ctan.org/pkg/lyluatex>

MIRROR: <https://mirror.ctan.org/support/lyluatex>

Perrone, Michael P. *The plainyr package. Plain bibliography style, sorted by year first.* 2016-06-24. LICENSE: other-free

URL: <https://ctan.org/pkg/plainyr>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/plainyr.bst>

Perske, Rainer. *The verbinp package. "8-bit" verbatim.* 2016-06-24. LICENSE: noinfo. In the days before the advent of LaTeX 2e, and of the package, this package enabled the use of ISO 8859-1 coded verbatim input through a command.

URL: <https://ctan.org/pkg/verbinp>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/verbinp.sty>

— *The verbtex package. Verbatim, interpreting non-ascii text.* 2016-06-24. LICENSE: gpl. The package provides common verbatim facilities (inline text and text input from a file), and is set up to interpret other than plain ASCII text (specifically ISO 8859-1 and Microsoft code pages 437 and 850); nothing more than the font family is needed.

URL: <https://ctan.org/pkg/verbtex>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/verbtex>

Pfenning, Frank. *The schedule209 package. Typeset schedules.* 2016-09-25. LICENSE: noinfo. The package implements a document style which enables the user to construct diagrams showing the planned progress of projects, etc. This package seems unrelated to the package written for use with LaTeX 2e. The two packages provide very similar facilities, but the present package's use of PostScript features (for shading schedule entry backgrounds) is entirely ad hoc.

URL: <https://ctan.org/pkg/schedule209>

MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/schedule.sty>

Pfister, Wilfried. *The lifia-th package. A thesis class for LIFIA, Grenoble.* 2016-06-24. Version 2.0. LICENSE: other-free

URL: <https://ctan.org/pkg/lifia-th>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lifia-th>

Phan, Anthony. *The m3D package. Extension of plain MetaPost for 3D graphics.* 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/m3d>

MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/m3D>

— *The mathabx package. Three series of mathematical symbols.* 2017-04-18. LICENSE: lppl

URL: <https://ctan.org/pkg/mathabx>

MIRROR: <https://mirror.ctan.org/fonts/mathabx>

— *The mbboard package. Comprehensive blackboard bold fonts.* 2016-06-24. Version 0.4. LICENSE: knuth

URL: <https://ctan.org/pkg/mbboard>

MIRROR: <https://mirror.ctan.org/fonts/mbboard>

Piaw, Na Choon. *The scmac package. Typeset scripts with Plain TeX.* 2016-06-18. Version 2.02. LICENSE: other-free

URL: <https://ctan.org/pkg/scmac>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scmac202.tex>

Piazzai, Michele. *The beamertheme-arguelles package. Simple, typographic beamer theme.* 2022-06-22. Version 1.2.2. LICENSE: mit. Argüelles is a beamer theme that helps you create beautiful presentations. It aims for simplicity and readability by following best practices of graphic design. The layout is elegant but subtle, so as to keep the audience's attention on your content. This is brought to life by , one of the 53 Fonts of the Decade selected by the Association Typographique Internationale (2011).

URL: <https://ctan.org/pkg/beamertheme-arguelles>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-arguelles>

— *The opencolor package. Simple use of the Open Color colors.* 2022-09-24. Version 1.0.0. LICENSE: mit. This package that provides hexadecimal color definitions of the 130 colors included in the library.

URL: <https://ctan.org/pkg/opencolor>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opencolor>

Pichaureau, Paul. *The exercise package. Typeset exercises, problems, etc. and their answers.* 2016-06-24. Version 1.6. LICENSE: gpl2

URL: <https://ctan.org/pkg/exercise>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercise>



- Pichaureau, Paul. *The mathdesign package. Mathematical fonts to fit with particular text fonts*. 2016-06-24. Version 2.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mathdesign>  
 MIRROR: <https://mirror.ctan.org/fonts/mathdesign>
- *The Winfonts package. Use fonts distributed with Windows XP*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/winfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/winfonts>
- Piefel, Michael. *The lgrind package. Produce beautiful listings of source code with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 3.67. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/lgrind>  
 MIRROR: <https://mirror.ctan.org/support/lgrind>
- Pieper, Johannes, Johannes Kuhaupt, and André Hilbig. *The schule package. Support for teachers at German schools*. 2021-08-10. Version 0.8.3. LICENSE: lppl1.3. The ‘schule’ bundle was built to provide packages and commands that could be useful for documents in German schools. At the moment its main focus lies on documents for informatics as a school subject. An extension for physics is currently in progress. Extensions for other subjects are welcome. For the time being, the whole package splits up into individual packages for informatics (including syntax diagrams, Nassi–Shneiderman diagrams, sequence diagrams, object diagrams, and class diagrams) as well as classes for written exams (tests, quizzes, teaching observations, information sheets, worksheets, and answer keys).  
 URL: <https://ctan.org/pkg/schule>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schule>
- *The syntaxdi package. Create “railroad” syntax diagrams*. 2020-10-19. Version 0.8.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/syntaxdi>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
- Pierquet, Cédric. *The JeuxCartes package. Macros to insert playing cards*. 2022-11-11. Version 0.1.5. LICENSE: lppl1.3c,lgpl2.1,pd. This package provides macros to insert playing cards, single, or hand, or random-hand, Poker or French Tarot or Uno, from files.  
 URL: <https://ctan.org/pkg/jeuxcartes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jeuxcartes>
- *The Proflycee package. A L<sup>A</sup>T<sub>E</sub>X package for French maths teachers in high school*. 2022-11-30. Version 2.0.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/proflycee>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proflycee>
- Pieters, Olivier. *The dynamicnumber package. Dynamically typeset numbers and values in L<sup>A</sup>T<sub>E</sub>X through “symbolic links”*. 2017-04-18. Version 0.1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/dynamicnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
- *The limecv package. A (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class for curriculum vitæ*. 2021-12-01. Version 0.1.12. LICENSE: lppl1.3c. is a (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class to write curriculum vitæ. It is designed with the following design rules: simple, elegant and clean. To this end, it offers several environments and macros for convenience.  
 URL: <https://ctan.org/pkg/limecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/limecv>
- Pietro, Anthony Di. *The uwa-colours package. The colour palette of The University of Western Australia*. 2021-09-14. Version 1.0.0. LICENSE: lppl1.3. This package uses the package to define macros for the colour palette of The University of Western Australia.  
 URL: <https://ctan.org/pkg/uwa-colours>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uwa-colours>
- *The uwa-letterhead package. The letterhead of the University of Western Australia*. 2021-09-28. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-letterhead>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-letterhead>
  - *The uwa-pcf package. A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia*. 2021-09-29. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-pcf>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pcf>
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URL: <https://ctan.org/pkg/bgreek>  
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URL: <https://ctan.org/pkg/active-conf>  
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URL: <https://ctan.org/pkg/asyfig>  
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URL: <https://ctan.org/pkg/icsv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/icsv>
  - *The inversepath package*. Calculate inverse file paths. 2018-01-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/inversepath>  
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URL: <https://ctan.org/pkg/leading>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leading>
  - *The minibox package*. A simple type of box for L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 0.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/minibox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minibox>
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URL: <https://ctan.org/pkg/mlist>  
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 URL: <https://ctan.org/pkg/pracjournal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pracjournal>
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 URL: <https://ctan.org/pkg/realscripts>  
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 URL: <https://ctan.org/pkg/subdepth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdepth>
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 URL: <https://ctan.org/pkg/trimspaces>  
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- *The vwcot package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lppl1.3. The package provides a crude environment () for typesetting multicolumn paragraph text of various column widths on a single page.  
 URL: <https://ctan.org/pkg/vwcot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vwcot>
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 URL: <https://ctan.org/pkg/xetexref>  
 MIRROR: <https://mirror.ctan.org/info/xetexref>
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 URL: <https://ctan.org/pkg/xltextra>  
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 URL: <https://ctan.org/pkg/euenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
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 URL: <https://ctan.org/pkg/fontspec>  
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- Robertson, Will and Peter R. Wilson. *The abstract package*. Control the typesetting of the abstract environment. 2016-06-24. Version 1.2a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/abstract>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abstract>
- *The anonchap package*. Make chapters be typeset like sections. 2016-06-24. Version 1.1a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/anonchap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonchap>

- *The appendix package. Extra control of appendices.* 2020-02-08. Version 1.2c. LICENSE: lppl1.3c. The appendix package provides various ways of formatting the titles of appendices. Also (sub)appendices environments are provided that can be used, for example, for per chapter/section appendices. The word ‘Appendix’ or similar can be prepended to the appendix number for article class documents. The word ‘Appendices’ or similar can be added to the table of contents before the appendices are listed. The word ‘Appendices’ or similar can be typeset as a -like heading (page) in the body. An environment is provided which can be used instead of the command.  
URL: <https://ctan.org/pkg/appendix>  
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URL: <https://ctan.org/pkg/bez123>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bez123>
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URL: <https://ctan.org/pkg/booklet>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/booklet>
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URL: <https://ctan.org/pkg/ccaption>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccaption>
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URL: <https://ctan.org/pkg/changepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changepage>
- *The chngcntr package. Change the resetting of counters.* 2018-04-10. Version 1.1a. LICENSE: lppl. Defines commands (which sets up a counter to be reset when another is incremented) and (which unsets such a relationship).  
URL: <https://ctan.org/pkg/chngcntr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chngcntr>
- *The chngpage package. Change the page layout in the middle of a document.* 2016-06-24. Version 1.2b. LICENSE: lppl1.3. The package provides broadly similar functionality to , with which it is distributed. It is, however, considered obsolete, and should not be used in new documents.  
URL: <https://ctan.org/pkg/chngpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changepage>
- *The combine package. Bundle individual documents into a single document.* 2016-06-24. Version 0.7a. LICENSE: lppl1.3. The combine class lets you bundle individual documents into a single document, such as when preparing a conference proceedings. The auxiliary combinat package puts the titles and authors from commands into the main document’s Table of Contents. The package cooperates with the and packages.  
URL: <https://ctan.org/pkg/combine>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combine>
- *The docmfp package. Document non-L<sup>A</sup>T<sub>E</sub>X code.* 2016-06-24. Version 1.2d. LICENSE: lppl. Extends the package to cater for documenting non-L<sup>A</sup>T<sub>E</sub>X code, such as Metafont or MetaPost, or other programming languages.  
URL: <https://ctan.org/pkg/docmfp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docmfp>
- *The epigraph package. A package for typesetting epigraphs.* 2020-04-23. Version 1.5e. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/epigraph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epigraph>
- *The fonttable package. Print font tables from a L<sup>A</sup>T<sub>E</sub>X document.* 2017-07-14. Version 1.6c. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fonttable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fonttable>
- *The hanging package. Hanging paragraphs.* 2016-06-24. Version 1.2b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hanging>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hanging>
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URL: <https://ctan.org/pkg/hyphenat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyphenat>
- *The ifmtarg package. If-then-else command for processing potentially empty arguments.* 2018-04-16. Version 1.2b. LICENSE: lppl  
URL: <https://ctan.org/pkg/ifmtarg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmtarg>



- *The layouts package*. Display various elements of a document’s layout. 2016-06-24. Version 2.6d. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/layouts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layouts>
- *The makecmds package*. The new `\makecommand` command always (re)defines a command. 2016-06-24. LICENSE: lppl. The package provides a command, which is like `\newcommand` except it always (re)defines a command. There is also `\newenvironment` and `\renewenvironment` for environments.  
 URL: <https://ctan.org/pkg/makecmds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
- Robertson, Will and Peter R. Wilson. *The midpage package*. Environment for vertical centring. 2016-06-24. Version 1.1a. LICENSE: lppl. The environment will centre text, if immediately preceded and followed by `\midpage`.  
 URL: <https://ctan.org/pkg/midpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
- *The needspace package*. Insert pagebreak if not enough space. 2016-06-24. Version 1.3d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/needspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/needspace>
- *The newfile package*. User level management of  $\LaTeX$  input and output. 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by  $\TeX$ . The so provided are mapped to various of the  $\LaTeX$  input and output mechanisms. Some facilities of the package are also mapped.  
 URL: <https://ctan.org/pkg/newfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfile>
- *The nextpage package*. Generalisations of the page advance commands. 2016-07-17. Version 1.1a. LICENSE: lppl. Provides and variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.  
 URL: <https://ctan.org/pkg/nextpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>
- *The pagenote package*. Notes at end of document. 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.  
 URL: <https://ctan.org/pkg/pagenote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagenote>
- *The romannum package*. Generate roman numerals instead of arabic digits. 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes  $\LaTeX$  generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.  
 URL: <https://ctan.org/pkg/romannum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>
- *The stdclsdv package*. Provide sectioning information for package writers. 2016-06-24. Version 1.1a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/stdclsdv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>
- *The titling package*. Control over the typesetting of the `\maketitle` command. 2016-06-24. Version 2.1d. LICENSE: lppl. The titling package provides control over the typesetting of the command and commands, and makes the `\title`, `\author`, and `\date` information permanently available. Multiple titles are allowed in a single document. New titling elements can be added and a titlepage title can be centered on a physical page.  
 URL: <https://ctan.org/pkg/titling>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titling>
- *The tocbibind package*. Add bibliography/index/contents to Table of Contents. 2016-06-24. Version 1.5k. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tocbibind>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocbibind>
- *The tocloft package*. Control table of contents, figures, etc. 2020-01-10. Version 2.3j. LICENSE: lppl1.3c. Provides control over the typography of the Table of Contents, List of Figures and List of Tables, and the ability to create new ‘List of ...’. The ToC may be changed.  
 URL: <https://ctan.org/pkg/tocloft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocloft>
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 URL: <https://ctan.org/pkg/tocvsec2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocvsec2>
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 URL: <https://ctan.org/pkg/verse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verse>

- *The vertbars package*. Mark vertical rules in margin of text. 2018-12-16. Version 1.0c. LICENSE: lppl1.3c. This package is an extension to , replacing that package’s line numbers with bars to the left or right of the text.  
URL: <https://ctan.org/pkg/vertbars>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vertbars>
- Robertson, Will and Peter R. Wilson. *The xtab package*. Break tables across pages. 2016-06-24. Version 2.3f. LICENSE: lppl. Xtab is an extended and somewhat improved version of ; its environment provides tables that break across pages.  
URL: <https://ctan.org/pkg/xtab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtab>
- Robertson, Will, Peter R. Wilson, and Harald Harders. *The printlen package*. Print lengths using specified units. 2019-03-12. Version 1.1a. LICENSE: lppl. prints the value of a L<sup>A</sup>T<sub>E</sub>X length in the units specified by (‘unit’ may be any T<sub>E</sub>X length unit except for scaled point, viz., any of: , , , , , or ). When the unit is , the printed length value will include any stretch or shrink; otherwise these are not printed. The ‘unit’ argument may also be , in which case length values will be printed in point units but without any stretch or shrink values.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/backnaur>
- *The flowchart package*. Shapes for drawing flowcharts, using TikZ. 2016-06-24. Version 3.3. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
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- Rochester, Wayne A. *The warpcol package*. Relative alignment of rows in numeric columns in tabulars. 2016-06-24. Version 1.0c. LICENSE: lppl. Defines a tabular column type for formatting numerical columns in L<sup>A</sup>T<sub>E</sub>X. The column type enables numerical items to be right justified relative to each other, while centred beneath the column label. In addition, macros are provided to enable variations on this column type to be defined. Usage of the package is superficially similar to that of ; however, the alignment scheme is different, and the packages have different, though overlapping, applications.  
URL: <https://ctan.org/pkg/warpcol>  
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URL: <https://ctan.org/pkg/binomexp>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
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URL: <https://ctan.org/pkg/emerald>  
MIRROR: <https://mirror.ctan.org/fonts/emerald>
- Roegel, Denis B. *The aeguill package*. Add several kinds of guillemets to the ae fonts. 2016-06-24. LICENSE: lppl. The package enables the user to add guillemets from several source (Polish cmr, Cyrillic cmr, lasy and ec) to the fonts. This was useful when the ae

- fonts were used to produce PDF files, since the additional guillemets exist in fonts available in Adobe Type 1 format.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
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 URL: <https://ctan.org/pkg/suanpan>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/suanpan>
  - *The threed package. 3D animations*. 2016-06-24. Version 1.34. LICENSE: lppl. Create animations of 3-dimensional objects (such as polyhedra) in .  
 URL: <https://ctan.org/pkg/mp3d>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mp3d>
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 MIRROR: <https://mirror.ctan.org/support/redit>
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 URL: <https://ctan.org/pkg/ccool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccool>
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 URL: <https://ctan.org/pkg/clistmap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clistmap>
  - *The erw-13 package. Utilities based on L<sup>A</sup>T<sub>E</sub>X3*. 2022-01-29. Version 4.2. LICENSE: lppl1.3c. Utilities based on L<sup>A</sup>T<sub>E</sub>X3. Highlight: .  
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 URL: <https://ctan.org/pkg/bbs>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/bbs.bst>
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 URL: <https://ctan.org/pkg/cbe>  
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- *The humanbio package*. Bibliography style for "Human Biology". 2016-06-24. Version 1.1. LICENSE: nocommercial. A style derived from in the bundle, adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.  
 URL: <https://ctan.org/pkg/humanbio>  
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- *The humannat package*. Bibliography style for "Human Nature" and "American Anthropologist". 2016-06-24. Version 1.03. LICENSE: nocommercial. A style derived from in the distribution, adopting further features from ; use with the L<sup>A</sup>T<sub>E</sub>X package that comes with astron.  
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 MIRROR: <https://mirror.ctan.org/fonts/hieroglyph>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grundgesetze>
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URL: <https://ctan.org/pkg/biblatex-bookinother>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-morenames>
- *The biblatex-multiple-dm package. Load multiple datamodels in BibLaTeX*. 2016-06-24. Version 1.0.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/biblatex-multiple-dm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-multiple-dm>
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URL: <https://ctan.org/pkg/biblatex-opcit-booktitle>  
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URL: <https://ctan.org/pkg/bibleref-french>  
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 URL: <https://ctan.org/pkg/luaotfload>  
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 URL: <https://ctan.org/pkg/luainputenc>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luainputenc>
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 URL: <https://ctan.org/pkg/customdice>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/customdice>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnpara>
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URL: <https://ctan.org/pkg/dcounter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The desclist package. Extended “description” lists.* 2018-07-03. Version 1.1. LICENSE: lpl  
URL: <https://ctan.org/pkg/desclist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The extdash package. A range of dash commands for compound words.* 2018-07-03. Version 1.3. LICENSE: lpl  
URL: <https://ctan.org/pkg/extdash>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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URL: <https://ctan.org/pkg/manyfoot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The mboxfill package. Fill free space with a pattern.* 2018-07-03. Version 1.0. LICENSE: lpl  
URL: <https://ctan.org/pkg/mboxfill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncclatex>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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URL: <https://ctan.org/pkg/ncccomma>  
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  - *The ncccropbox package. Crop-marked boxes.* 2018-07-03. Version 1.1. LICENSE: lpl  
URL: <https://ctan.org/pkg/ncccropbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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URL: <https://ctan.org/pkg/ncccropmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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URL: <https://ctan.org/pkg/nccfancyhdr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The nccfloats package. Extensions of the L<sup>A</sup>T<sub>E</sub>X float mechanisms.* 2018-07-03. Version 1.2. LICENSE: lpl  
URL: <https://ctan.org/pkg/nccfloats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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URL: <https://ctan.org/pkg/nccfoots>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 URL: <https://ctan.org/pkg/nccsect>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
- *The nccstretch package. Insert a stretch between each token of a string.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccstretch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
- *The nccthm package. Another theorem environment.* 2018-07-03. Version 1.1. LICENSE: lppl. This package’s theorems have two distinguishing characteristics. First, theorem numbering uses dynamic counters (specified by using the package, which gives the user considerable flexibility in counting styles. Second, the environment isn’t defined as a trivialist (as L<sup>A</sup>T<sub>E</sub>X theorems are), which gives extra flexibility in using the environment. In addition, parameter definition is explicit and well-organised, and there is a QED-symbol-placing command.  
 URL: <https://ctan.org/pkg/nccthm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
- *The ncctools package. A collection of general packages for L<sup>A</sup>T<sub>E</sub>X.* 2019-08-03. Version 3.5.3. LICENSE: lppl. The NCCtools bundle contains many packages for general use under L<sup>A</sup>T<sub>E</sub>X; many are also used by . The bundle includes tools for:  
 URL: <https://ctan.org/pkg/ncctools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 URL: <https://ctan.org/pkg/textarea>  
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 URL: <https://ctan.org/pkg/topsection>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 URL: <https://ctan.org/pkg/watermark>  
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 URL: <https://ctan.org/pkg/web2w>  
 MIRROR: <https://mirror.ctan.org/web/web2w>
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- Ruedas, Thomas and Keiran Harcombe. *The texdoctk package. Easy access to package documentation.* 2021-06-10. Version 0.6.0. LICENSE: gpl  
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URL: <https://ctan.org/pkg/prettyref>  
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URL: <https://ctan.org/pkg/xpeek>  
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MIRROR: <https://mirror.ctan.org/macros/generic/knst>

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MIRROR: <https://mirror.ctan.org/fonts/cyrillic/scyrillic>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scale>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modular>

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URL: <https://ctan.org/pkg/tikz-planets>  
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URL: <https://ctan.org/pkg/kinematikz>  
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URL: <https://ctan.org/pkg/embedall>  
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MIRROR: <https://mirror.ctan.org/support/rtf2latex2e>

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MIRROR: <https://mirror.ctan.org/info/czech/latex-pro-pragmatiky>

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URL: <https://ctan.org/pkg/esint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esint>

— *The esvect package. Vector arrows*. 2016-06-24. Version 1.3. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esvect>

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URL: <https://ctan.org/pkg/collect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

— *The metainfo package. Typeset document outline with metainfo*. 2016-06-24. Version 0.9.1. LICENSE: lppl. The package picks up T<sub>E</sub>X comments in document that are structured according to its rules, and typesets them. Operation is (typically in a separate document).  
URL: <https://ctan.org/pkg/metainfo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

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URL: <https://ctan.org/pkg/optparams>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

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URL: <https://ctan.org/pkg/parcolumns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

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URL: <https://ctan.org/pkg/sauerj>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jacow>
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URL: <https://ctan.org/pkg/aichej>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aichej.bst>
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URL: <https://ctan.org/pkg/loval>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loval>
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URL: <https://ctan.org/pkg/oval>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/oval>
  - *The window package. Create windows in paragraphs*. 2016-06-24. LICENSE: noinfo. The package defines a command that will insert boxed material at a given position within a paragraph.  
URL: <https://ctan.org/pkg/window>  
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URL: <https://ctan.org/pkg/paralist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paralist>
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URL: <https://ctan.org/pkg/adjustbox>  
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- *The collcell package. Collect contents of a tabular cell as argument to a macro*. 2022-10-26. Version 0.5. LICENSE: lpl1.3. The package provides macros that collect the content of a cell, and offer them as an argument to a macro. Special care is taken to remove all aligning macros inserted by from the cell content. The macros also work in the last column of a table, but do not support verbatim material inside the cells.  
URL: <https://ctan.org/pkg/collcell>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collcell>
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URL: <https://ctan.org/pkg/collectbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collectbox>
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URL: <https://ctan.org/pkg/ctanupload>  
MIRROR: <https://mirror.ctan.org/support/ctanupload>
  - *The currfile package. Provide file name and path of input files*. 2022-10-10. Version 0.8. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/currfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/currfile>
  - *The easyfig package. Simplifying the use of common figures*. 2022-10-26. Version 1.2a. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/easyfig>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easyfig>
  - *The filehook package. Hooks for input files*. 2022-10-26. Version 0.8b. LICENSE: lpl1.3c. The package provides several file hooks ( , ... ) for files read by , and . General hooks for all such files (e.g. all d ones) and file specific hooks only used for named files are provided; two hooks are provided for the end of d files — one before, and one after the final .  
URL: <https://ctan.org/pkg/filehook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filehook>
  - *The filemod package. Provide file modification times, and compare them*. 2022-10-26. Version 1.2. LICENSE: lpl1.3. The package provides macros to read and compare the modification dates of files. The files may be files, images or other files (as long as they can be found by L<sup>A</sup>T<sub>E</sub>X). It uses the primitive of pdfL<sup>A</sup>T<sub>E</sub>X to find the file modification date as PDF date string, parses the string and returns the value to the user. The package will also work for output with recent versions of the L<sup>A</sup>T<sub>E</sub>X compiler which uses pdfL<sup>A</sup>T<sub>E</sub>X in mode. The functionality is provided by purely expandable macros or by faster but non-expandable ones.



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filemod>
- Scharrer, Martin. *The ginc1tex package. Include T<sub>E</sub>X files as graphics (.tex support for \includegraphics)*. 2022-10-26. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ginc1tex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginc1tex>
- *The gobble package. More gobble macros for PlainT<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gobble>  
MIRROR: <https://mirror.ctan.org/macros/generic/gobble>
  - *The ifoddpage package. Determine if the current page is odd or even*. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides an conditional to determine if the current page is odd or even. The macro must be used direct before to check the page number using a label. Two compiler runs are therefore required to achieve correct results. In addition, the conditional is provided which is also true in oneside mode where all pages use the odd page layout.  
URL: <https://ctan.org/pkg/ifoddpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifoddpage>
  - *The lstaddons package. Add-on packages for listings: autogobble and line background*. 2022-10-26. Version 0.1. LICENSE: lppl1.3. The bundle contains a small collection of add-on packages for the package. Current packages are:  
URL: <https://ctan.org/pkg/lstaddons>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstaddons>
  - *The macros2e package. A list of internal L<sup>A</sup>T<sub>E</sub>X2e macros*. 2022-10-26. Version 0.4a. LICENSE: lppl1.3c. This document lists the internal macros defined by the L<sup>A</sup>T<sub>E</sub>X2e base files which can also be useful to package authors. The macros are hyper-linked to their description in . For this to work both PDFs must be inside the same directory. This document is not yet complete in content and format and may miss some macros.  
URL: <https://ctan.org/pkg/macros2e>  
MIRROR: <https://mirror.ctan.org/info/macros2e>
  - *The multienv package. Multiple environments using a “key=value” syntax*. 2022-10-26. Version 1.0. LICENSE: lppl1.3. The package provides a environment which permits easy addition of multiple environments using a syntax. Macros to define environments using this syntax are also provided.  
URL: <https://ctan.org/pkg/multienv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multienv>
  - *The mwe package. Packages and image files for MWEs*. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)T<sub>E</sub>X document. This allows different users to share MWEs which include image commands, without the need to share image files or to use replacement code.  
URL: <https://ctan.org/pkg/mwe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mwe>
  - *The newverbs package. Define new versions of \verb, including short verb versions*. 2022-10-26. Version 1.6a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/newverbs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newverbs>
  - *The rcs-multi package. Typeset RCS version control in multiple-file documents*. 2022-10-26. Version 0.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/rcs-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs-multi>
  - *The realboxes package. Variants of common box-commands that read their content as real box and not as macro argument*. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realboxes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/realboxes>
  - *The standalone package. Compile T<sub>E</sub>X pictures stand-alone or as part of a document*. 2022-10-11. Version 1.3b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/standalone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standalone>
  - *The storebox package. Storing information for reuse*. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storebox>
  - *The sty2dtx package. Create a .dtx file from a .sty file*. 2022-10-26. Version 2.4. LICENSE: gpl3  
URL: <https://ctan.org/pkg/sty2dtx>  
MIRROR: <https://mirror.ctan.org/support/sty2dtx>

- *The svn-multi package. Subversion keywords in multi-file L<sup>A</sup>T<sub>E</sub>X documents.* 2022-10-26. Version 2.4d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/svn-multi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-multi>
- Scharrer, Martin. *The svn-prov package. Subversion variants of \Provides... macros.* 2022-10-26. Version 3.1862. LICENSE: lppl. The package introduces Subversion variants of the standard L<sup>A</sup>T<sub>E</sub>X macros, and where the file name and date is extracted from Subversion Id keywords. The file name may also be given explicitly as an optional argument.  
 URL: <https://ctan.org/pkg/svn-prov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-prov>
- *The texdef package. Display the definitions of T<sub>E</sub>X commands.* 2022-10-26. Version 1.9. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/texdef>  
 MIRROR: <https://mirror.ctan.org/support/texdef>
- *The tikz-timing package. Easy generation of timing diagrams as TikZ pictures.* 2022-10-26. Version 0.7f. LICENSE: lppl. This package provides macros and an environment to generate timing diagrams (digital waveforms) without much effort. The package is used to produce the graphics. The diagrams may be inserted into text (paragraphs, , etc.) and into tikzpictures. A tabular-like environment is provided to produce larger timing diagrams.  
 URL: <https://ctan.org/pkg/tikz-timing>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-timing>
- *The tikzpagenodes package. A single TikZ node for the whole page.* 2022-10-26. Version 1.1. LICENSE: lppl. The package provides special PGF/TikZ nodes for the text, marginpar, footer and header area of the current page. They are inspired by the ‘current page’ node defined by itself.  
 URL: <https://ctan.org/pkg/tikzpagenodes>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpagenodes>
- *The ydoc package. Macros for documentation of L<sup>A</sup>T<sub>E</sub>X classes and packages.* 2022-11-01. Version 0.7alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ydoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ydoc>
- Schaum, Charles P. *The nameauth package. Name authority mechanism for consistency in body text and index.* 2021-02-27. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nameauth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
- *The schemata package. Print topical diagrams.* 2021-02-27. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schemata>  
 MIRROR: <https://mirror.ctan.org/macros/generic/schemata>
- Scheidt, Martin. *The tikz-tracksschematic package. A TikZ library for creating track diagrams in railways.* 2022-06-02. Version 0.7.1. LICENSE: isc  
 URL: <https://ctan.org/pkg/tikz-tracksschematic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-tracksschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package. Footnote numbering per page.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/pagefoots>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>
- Schenk, Christian. *The miktex package. A free T<sub>E</sub>X distribution for MS-Windows.* 2022-08-04. Version 22.7. LICENSE: other-free  
 URL: <https://ctan.org/pkg/miktex>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- *The miktex-portable package. A version of MikTeX to carry around.* 2022-10-29. Version 22.10. LICENSE: other-free. The portable edition allows you to run MiKTeX from a portable storage device. Please note that there is no separate installer. Just download the standard installer and rename it to .  
 URL: <https://ctan.org/pkg/miktex-portable>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-22.10-x64.exe>
- Schenk, Stephan. *The chembst package. A collection of BibTeX files for chemistry journals.* 2016-06-24. Version 0.2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/chembst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
- *The chemcompounds package. Simple consecutive numbering of chemical compounds.* 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds. Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.  
 URL: <https://ctan.org/pkg/chemcompounds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcompounds>

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 URL: <https://ctan.org/pkg/amiweb2c>  
 MIRROR: <https://mirror.ctan.org/systems/amiga/amiweb2c>
- Scherer, Andreas. *The cwebbin package. CWEB for ANSI-C/C++ compilers*. 2022-01-26. LICENSE: knuth  
 URL: <https://ctan.org/pkg/cwebbin>
- *The knuth-hint package. HINT collection of typeset C/WEB sources in T<sub>E</sub>X Live*. 2022-04-07. Version 1.0. LICENSE: pd,knuth  
 URL: <https://ctan.org/pkg/knuth-hint>  
 MIRROR: <https://mirror.ctan.org/info/knuth-hint>
  - *The knuth-pdf package. PDF collection of typeset C/WEB sources in T<sub>E</sub>X Live*. 2022-04-06. Version 2.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/knuth-pdf>  
 MIRROR: <https://mirror.ctan.org/info/knuth-pdf>
  - *The pwebmac package. Consolidated WEB macros for DVI and PDF output*. 2022-06-26. Version 4.8.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/pwebmac>  
 MIRROR: <https://mirror.ctan.org/web/pwebmac>
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 A small Windows front end, that creates files for use with the German letter macros.  
 URL: <https://ctan.org/pkg/gbrief-creator>  
 MIRROR: <https://mirror.ctan.org/support/gbrief-creator>
- Schinko, Yannick. *The lexend package. The Lexend fonts for X<sub>Y</sub>T<sub>E</sub>X and LuaT<sub>E</sub>X through fontspec*. 2021-01-30. Version 1.1.0.70.  
 LICENSE: lppl1.3c,ofl  
 URL: <https://ctan.org/pkg/lexend>  
 MIRROR: <https://mirror.ctan.org/fonts/lexend>
- Schlechte, Wolfgang Andreas. *The newthm package. Obsolete version of ntheorem*. 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/newthm>
- Schleicher, Ralph and Norbert Schwarz. *The dos-dc package. A distribution of the DC fonts for emT<sub>E</sub>X*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dos-dc>  
 MIRROR: <https://mirror.ctan.org/systems/msdos/dos-dc>
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 URL: <https://ctan.org/pkg/tsem1ines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tsem1ines>
- Schlicht, Robert. *The euroitc package. L<sup>A</sup>T<sub>E</sub>X interface for the ITC euro font symbols*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/euroitc>  
 MIRROR: <https://mirror.ctan.org/fonts/euroitc>
- *The microtype package. Subliminal refinements towards typographical perfection*. 2022-06-23. Version 3.0f. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/microtype>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/microtype>
- Schlömer, Nico. *The auto1 package. L<sup>A</sup>T<sub>E</sub>X support for Underware Auto 1 fonts*. 2018-01-06. Version 0.2. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/auto1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/auto1>
- *The tex-font-errors-cheatsheet package. Cheat sheet outlining the most common T<sub>E</sub>X font errors*. 2019-02-13. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tex-font-errors-cheatsheet>  
 MIRROR: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>
- Schmeing, Michael. *The mversion package. Keeping track of document versions*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.2  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mversion>
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 URL: <https://ctan.org/pkg/hpsdiss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hpsdiss>
- *The sfg package. Draw signal flow graphs*. 2018-09-15. Version 0.91. LICENSE: lppl. Defines some commands to draw signal flow graphs as used by electrical and electronics engineers and graph theorists. Requires and packages (and a relatively fast machine).  
 URL: <https://ctan.org/pkg/sfg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfg>

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 URL: <https://ctan.org/pkg/tikz-palattice>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-palattice>
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 URL: <https://ctan.org/pkg/epmtfe>  
 MIRROR: <https://mirror.ctan.org/systems/os2/epmtfe>
- *The icomma package. Intelligent commas for decimal numbers*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/icomma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
  - *The mathppl package. Use PostScript Palatino for typesetting maths*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathppl>
- Schmidt, Walter A., Patrick Gundlach, and Marco Daniel. *The lshort-german package. German version of A Short Introduction to L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>: L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>-Kurzbeschreibung*. 2020-06-17. Version 3.0c. LICENSE: opl  
 URL: <https://ctan.org/pkg/lshort-german>  
 MIRROR: <https://mirror.ctan.org/info/lshort/german>
- Schmidt, Walter A. and Keiran Harcombe. *The augie package. Calligraphic font for typesetting handwriting*. 2021-12-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/augie>  
 MIRROR: <https://mirror.ctan.org/fonts/augie>
- *The ccfonts package. Support for Concrete text and math fonts in L<sup>A</sup>T<sub>E</sub>X*. 2022-01-26. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X font definition files for the Concrete fonts and a L<sup>A</sup>T<sub>E</sub>X package for typesetting documents using Concrete as the default font family. The files support OT1, T1, TS1, and Concrete mathematics including AMS fonts (Ulrik Vieth’s ).  
 URL: <https://ctan.org/pkg/ccfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
  - *The cmbright package. Computer Modern Bright fonts*. 2021-12-07. Version 8.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmbright>  
 MIRROR: <https://mirror.ctan.org/fonts/cmbright>
  - *The cmsd package. Interfaces to the CM Sans Serif Bold fonts*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmsd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmsd>
  - *The DayRoman package. The Day Roman typeface*. 2021-12-07. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dayroman>  
 MIRROR: <https://mirror.ctan.org/fonts/DayRoman>
  - *The dictsym package. DictSym font and macro package*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dictsym>  
 MIRROR: <https://mirror.ctan.org/fonts/dictsym>
  - *The ecc package. Sources for the European Concrete fonts*. 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ecc>  
 MIRROR: <https://mirror.ctan.org/fonts/ecc>
  - *The eulervm package. Euler virtual math fonts*. 2021-12-07. Version 4.0. LICENSE: lppl. The well-known Euler fonts are suitable for typesetting mathematics in conjunction with a variety of text fonts which do not provide mathematical character sets of their own. Euler-VM is a set of mathematics fonts based on Euler and CM. This approach has several advantages over immediately using the Euler fonts: Most noticeably, less T<sub>E</sub>X resources are consumed, the quality of various math symbols is improved and a usable symbol can be provided. The virtual fonts are accompanied by a L<sup>A</sup>T<sub>E</sub>X package which makes them easy to use, particularly in conjunction with Type1 PostScript text fonts. They are compatible with . A package option allows the fonts to be loaded at 95% of their nominal size, thus blending better with certain text fonts, e.g., Minion.  
 URL: <https://ctan.org/pkg/eulervm>  
 MIRROR: <https://mirror.ctan.org/fonts/eulervm>
  - *The eurosans package. Interface to Adobe’s sans-serif Euro font*. 2021-12-07. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eurosans>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurosans>
  - *The fixmath package. Make maths comply with ISO 31-0:1992 to ISO 31-13:1992*. 2022-10-16. Version 0.9.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fixmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmath>

- Schmidt, Walter A. and Keiran Harcombe. *The gensymb package. Generic symbols for both text and math mode.* 2022-10-17. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gensymb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gensymb>
- *The hvmath package. Support for using the Micropress HV-Math fonts (Helvetica Maths).* 2021-12-07. Version 1.5. LICENSE: lppl. Typeset math in a style that suits the Adobe Helvetica text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
 URL: <https://ctan.org/pkg/hvmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>
  - *The lucida package. Metrics, etc., for Lucida Bright and Lucida Math.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lucida>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/bh/lucida>
  - *The psnfss-source package. Sources of the metrics used in PSNFSS.* 2021-12-07. Version 9.2. LICENSE: lppl. The package comprises the makefiles, fontinst scripts and AFM files used to build the .  
 URL: <https://ctan.org/pkg/psnfss-source>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/psnfss-source>
  - *The tmmath package. Support for using the Micropress TM-Math fonts.* 2021-12-07. Version 2.4. LICENSE: lppl. Support for typesetting math in a style that suits the Adobe Times text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
 URL: <https://ctan.org/pkg/tmmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/tmmath>
  - *The upgreek package. Upright Greek letters.* 2021-12-07. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/upgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
  - *The urw-garamond package. URW Garamond No8 Adobe Type 1 fonts.* 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/urw-garamond>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/garamond>
  - *The w-a-schmidt package. A collection of metrics for commercial fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/w-a-schmidt>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/w-a-schmidt>
  - *The was package. A collection of small packages by Walter Schmidt.* 2022-10-12. LICENSE: collection  
 URL: <https://ctan.org/pkg/was>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
- Schmidt, Walter A., Keiran Harcombe, Charles Bigelow, and Kris Holmes. *The LuxiMono package. Free monospace fonts.* 2021-12-07. LICENSE: other-nonfree. LuxiMono is a family of general-purpose monospaced (typewriter) fonts. This distribution contains the fonts in Adobe Type 1 format, and , and L<sup>A</sup>T<sub>E</sub>X-related files are also provided.  
 URL: <https://ctan.org/pkg/luximono>  
 MIRROR: <https://mirror.ctan.org/fonts/LuxiMono>
- Schmidt, Walter A., Keiran Harcombe, and Pierre A. MacKay. *The ibygrk package. Fonts and macros to typeset ancient Greek.* 2021-12-07. Version 4.5. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ibygrk>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/ibygrk>
- Schmidt, Walter A., Keiran Harcombe, and Sebastian Rahtz. *The psnfssx package. Extra styles and encodings for PostScript fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psnfssx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx>
- Schmidt, Walter A., Keiran Harcombe, The L<sup>A</sup>T<sub>E</sub>X Project Team, and Sebastian Rahtz. *The psnfss package. Font support for common PostScript fonts.* 2021-12-08. Version 9.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psnfss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., Alan Jeffrey, Sebastian Rahtz, Ulrik Vieth, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The mathptmx package. Use Times as default text font, and provide maths support.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathptmx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., Rolf Niepraschk, Hubert Gäßlein, and Jürgen Schlegelmilch. *The leaflet package. Create small handouts (flyers).* 2020-11-07. Version 2.1a. LICENSE: lppl1.3



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leaflet>
- Schmidt, Walter A. and Norbert Preining. *The yfonts package. Support for old German fonts*. 2019-04-04. Version 1.4. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X interface to the old-german fonts designed by Yannis Haralambous: , , and the .  
URL: <https://ctan.org/pkg/yfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yfonts>
- Schmidt, Walter A. and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fix-cm package. Permit Computer Modern fonts at arbitrary sizes*. 2021-06-01. Version 1.1t. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fix-cm>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The helvet package. Load Helvetica, scaled*. 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/helvet>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., The L<sup>A</sup>T<sub>E</sub>X Project Team, and Sebastian Rahtz. *The pi font package. Access to PostScript standard Symbol and Dingbats fonts*. 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/pifont>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmitt, Peter. *The astro package. Astronomical (planetary) symbols*. 2017-10-29. Version 2.20. LICENSE: lppl  
URL: <https://ctan.org/pkg/astro>  
MIRROR: <https://mirror.ctan.org/fonts/astro>
- *The backgrnd package. Mark text with grey background or change bar*. 2020-04-11. Version 2.0. LICENSE: noinfo. Marks text, using T<sub>E</sub>X’s resources only (without resorting to commands). Grey background uses a shade font provided as Metafont source. Works under plain T<sub>E</sub>X and in simple L<sup>A</sup>T<sub>E</sub>X 2.09 documents, but probably not in L<sup>A</sup>T<sub>E</sub>X 2e.  
URL: <https://ctan.org/pkg/backgrnd>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/backgrnd.tex>
- *The shade package. Shade pieces of text*. 2018-01-06. Version 1. LICENSE: lppl1  
URL: <https://ctan.org/pkg/shade>  
MIRROR: <https://mirror.ctan.org/macros/generic/shade>
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URL: <https://ctan.org/pkg/pst-spectra>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spectra>
- Schmitz, Daniel. *The mahjong package. Typeset Mahjong Tiles using MPSZ Notation*. 2021-04-24. Version 1.0.1. LICENSE: mit,cc-by-1  
URL: <https://ctan.org/pkg/mahjong>  
MIRROR: <https://mirror.ctan.org/graphics/mahjong>
- Schmitz, Thomas A. *The context-taspresent package. Simple presentations using ConTeXt*. 2016-06-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/context-taspresent>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-taspresent>
- *The vf-howto package. Tutorial on creating virtual fonts*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/vf-howto>  
MIRROR: <https://mirror.ctan.org/info/virtualfontshowto>
- Schmitz, Thomas A. and Mojca Miklavc. *The gentium-original package. Gentium font and support files*. 2022-05-26. LICENSE: ofl  
URL: <https://ctan.org/pkg/gentium-original>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/gentium>
- Schneider, Christian. *The combinedgraphics package. Include graphic (EPS or PDF)/L<sup>A</sup>T<sub>E</sub>X combinations*. 2016-06-24. Version 0.2.2. LICENSE: gpl. This package provides a macro () for the inclusion of combined EPS/L<sup>A</sup>T<sub>E</sub>X and PDF/L<sup>A</sup>T<sub>E</sub>X graphics (an export format of , , and maybe other programs). Instead of including the graphics with a simple , the macro has some comforts:  
URL: <https://ctan.org/pkg/combinedgraphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>
- *The fullminipage package. Minipage spanning a complete page*. 2016-06-24. Version 0.1.1. LICENSE: gpl3  
URL: <https://ctan.org/pkg/fullminipage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullminipage>
- *The ionumbers package. Restyle numbers in maths mode*. 2018-01-06. Version 0.3.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/ionumbers>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ionumbers>

- Schneider, Niklas. *The semesterplanner package. Create beautiful semester timetables and more.* 2020-11-04. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/semesterplanner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/latex/semesterplanner>
- Schneider, Robin. *The calcage package. Calculate the age of something, in years.* 2017-04-18. Version 0.90. LICENSE: lppl1.3. The package calculates the age of someone or something in years. Internally it uses the package to calculate the age in days; conversion from days to years is then performed, taking care of leap years and such odd things.  
 URL: <https://ctan.org/pkg/calcage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calcage>
- *The counttexruns package. Count compilations of a document.* 2016-06-24. Version 1.00a. LICENSE: lppl1.3. The package counts how often a L<sup>A</sup>T<sub>E</sub>X document is compiled, keeping the data in an external file. To print the count, can use the macro .  
 URL: <https://ctan.org/pkg/counttexruns>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/counttexruns>
  - *The doclicense package. Support for putting documents under a license.* 2022-05-18. Version 3.2.0. LICENSE: cc0,lppl1.3c  
 URL: <https://ctan.org/pkg/doclicense>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doclicense>
  - *The fnumprint package. Print a number in ‘appropriate’ format.* 2017-04-18. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fnumprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnumprint>
  - *The latex-git-log package. Typeset git log information.* 2020-02-27. Version 1.0.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/latex-git-log>  
 MIRROR: <https://mirror.ctan.org/support/latex-git-log>
  - *The romanbarpagenumber package. Typesetting roman page numbers.* 2017-04-18. Version 1.0. LICENSE: lppl1.3. The package allows to typeset roman numbers with bars. This package allows you to use those roman numbers as page number.  
 URL: <https://ctan.org/pkg/romanbarpagenumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbarpagenumber>
- Schneider, Sven. *The dotarrow package. Extendable dotted arrows.* 2016-06-24. Version 0.01a. LICENSE: lppl. The package can draw dotted arrows that are extendable, in the same was as .  
 URL: <https://ctan.org/pkg/dotarrow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotarrow>
- Schneider, Thomas. *The cell package. Bibliography style for Cell.* 2016-06-24. LICENSE: pd. This is an “apa-like” style (cf. in the distribution), developed from the same author’s style. A supporting L<sup>A</sup>T<sub>E</sub>X package is also provided.  
 URL: <https://ctan.org/pkg/cell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cell>
- *The jbact package. BibTeX style for biology journals.* 2019-11-12. Version 1.30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jbact>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jbact.bst>
  - *The jmb package. BibTeX style for the Journal of Theoretical Biology.* 2019-11-12. Version 1.21. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jmb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jmb>
  - *The nar package. BibTeX style for Nucleic Acid Research.* 2016-06-24. Version 3.19. LICENSE: other-free  
 URL: <https://ctan.org/pkg/nar>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/nar.bst>
- Schollmeyer, Michael. *The fchart package. Flow diagrams in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. Version 2.0. LICENSE: noinfo. This is not a package, rather a set of macros to be read using , offering a means of drawing structures without the use of the environment.  
 URL: <https://ctan.org/pkg/fchart>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fchart>
- Schöpf, Rainer. *The histogr package. Draw histograms with the L<sup>A</sup>T<sub>E</sub>X picture environment.* 2016-06-24. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/histogr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/histogr>
- *The underlin package. Underlined running heads.* 2016-06-24. Version 1.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/underlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underlin>
- Schöpf, Rainer and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The verbatim package. Reimplementation of and extensions to L<sup>A</sup>T<sub>E</sub>X verbatim.* 2021-06-01. Version 1.5u. LICENSE: lppl1.3c

- URL: <https://ctan.org/pkg/verbatim>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Schreiber, Kai. *The BiBLE package. A BibTeX library editor*. 2016-06-24. Version 0.99. LICENSE: other-free  
URL: <https://ctan.org/pkg/bible>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bible>
- Schrell, Andreas. *The kalender-209 package. Produce page-per-day calendars*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/kalender-209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/kalender.tex>
- *The pictexwd package. A patched version of PicTeX using fewer registers*. 2016-06-24. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/pictexwd>
  - *The wochtag package. Generate the German weekday name for a date*. 2016-06-24. Version 1.0. LICENSE: noinfo. Defines a macro that produces a day name, in German.  
URL: <https://ctan.org/pkg/wochtag>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/wochtag.tex>
  - *The yinit-as package. Additions to Yanniss Haralambous' Old German decorative initials*. 2019-02-01. LICENSE: noinfo. This package contains a modified driver file, , as well as a L<sup>A</sup>T<sub>E</sub>X file .  
URL: <https://ctan.org/pkg/yinit-as>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/gothic/yinit-as>
- Schrell, Andreas and Andreas Hörstmeier. *The umrand package. Package for fancy box frames*. 2019-06-21. Version 1.2. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/umrand>  
MIRROR: <https://mirror.ctan.org/macros/generic/umrand>
- Schrod, Joachim. *The biblist package. Print a BibTeX database*. 2016-06-24. LICENSE: gpl. The package provides the means of listing an entire BibTeX database, avoiding the potentially large (macro) impact associated with .  
URL: <https://ctan.org/pkg/biblist>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/biblist>
- *The chbar package. Change bar marks in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl. This package creates change bars without the use of \special commands (unlike the L<sup>A</sup>T<sub>E</sub>X package ).  
URL: <https://ctan.org/pkg/chbar>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/chbar>
  - *The components package. Components of T<sub>E</sub>X*. 2022-05-01. LICENSE: gpl  
URL: <https://ctan.org/pkg/components>  
MIRROR: <https://mirror.ctan.org/info/components-of-TeX>
  - *The cweb-latex package. A L<sup>A</sup>T<sub>E</sub>X version of CWEB*. 2019-11-30. LICENSE: gpl. This bundle allows marking-up of code in L<sup>A</sup>T<sub>E</sub>X. The distribution includes the “Counting Words” program distributed with CWEB, edited to run with L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/cweb-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cweb>
  - *The example package. Typeset examples for T<sub>E</sub>X courses*. 2019-06-21. LICENSE: gpl. The package makes it easier to produce examples for T<sub>E</sub>X course. It provides an environment, which typesets its contents on the left of the page, and prints it verbatim on the right.  
URL: <https://ctan.org/pkg/example>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/example.sty>
  - *The footnpag package. Per-page numbering of footnotes*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/footnpag>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnpag>
  - *The genfam package. Run Metafont to produce the bitmap fonts*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/genfam>  
MIRROR: <https://mirror.ctan.org/support/genfam>
  - *The idverb package. Inline verbatim identifiers*. 2016-06-24. Version 1.1. LICENSE: gpl. Typeset identifiers (and other short things) verbatim, using the notation. This package is part of the bundle.  
URL: <https://ctan.org/pkg/idverb>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
  - *The js-misc package. Miscellaneous macros from Joachim Schrod*. 2016-07-17. LICENSE: pd  
URL: <https://ctan.org/pkg/js-misc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>

- Schrod, Joachim. *The literate package. A literate programming system, not tied to any language*. 2016-06-24. LICENSE: pd. The system consists of two parts: a processor, `literate`, which extracts program code from a literate source file, and a set of macros that will typeset the source file (possibly after application, by `literate`, of a change file). is distributed as a web source file.  
 URL: <https://ctan.org/pkg/literate>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/literate>
- *The makeprog package. A literate system for  $\TeX$  programming*. 2016-06-24. Version 1.0.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/makeprog>  
 MIRROR: <https://mirror.ctan.org/support/makeprog>
- Schrod, Joachim and Julian Gilbey. *The rcs package. Use RCS (revision control system) tags in  $\LaTeX$  documents*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/rcs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs>
- Schröder, Jenny and Sebastian Schwerdtfeger. *The microtype-de package. Translation into German of the documentation of microtype*. 2019-11-19. Version 2.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/microtype-de>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/translations/microtype/de>
- Schröder, Jörg-Michael. *The datenumber package. Convert a date into a number and vice versa*. 2022-01-27. Version 0.03. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/datenumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datenumber>
- Schröder, Martin. *The bibtopicprefix package. Prefix references to bibliographies produced by bibtopic*. 2019-07-30. Version 1.10. LICENSE: lppl. The package permits users to apply prefixes (fixed strings) to references to entries in bibliographies produced by the package.  
 URL: <https://ctan.org/pkg/bibtopicprefix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibtopicprefix>
- Schröder, Martin and Marei Peischl. *The count1to package. Make use of count1 to count9*. 2020-11-24. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/count1to>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
- *The everysel package. Provides hooks into `\selectfont`*. 2021-01-23. Version 2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everysel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everysel>
  - *The everyshi package. Take action at every `\shipout`*. 2020-12-06. Version 4.00. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everyshi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everyshi>
  - *The ms package. Various  $\LaTeX$  packages by Martin Schröder*. 2021-01-19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ms>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
  - *The multitoc package. Set table of contents in multiple columns*. 2020-11-24. Version 2.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/multitoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
  - *The prelim2e package. Allows the marking of preliminary versions of a document*. 2020-12-06. Version 2.00. LICENSE: lppl1.3c. Puts text below the normal page content (the default text marks the document as draft and puts a timestamp on it). Can be used together with e.g. the `draft`, and `draft2e` packages. Uses the package and can use the `scrttime` package from the bundle.  
 URL: <https://ctan.org/pkg/prelim2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prelim2e>
  - *The ragged2e package. Alternative versions of “ragged”-type commands*. 2022-11-13. Version 3.2. LICENSE: lppl1.3c. The package defines new commands `raggedleft`, `raggedright`, and `raggedcenter` and new environments `raggedleft*`, `raggedright*`, and `raggedcenter*`, which set ragged text and are easily configurable to allow hyphenation (the corresponding commands in  $\LaTeX$ , all of whose names are lower-case, prevent hyphenation altogether).  
 URL: <https://ctan.org/pkg/ragged2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ragged2e>
- Schroeder, Thomas. *The chemarrow package. Arrows for use in chemistry*. 2016-06-24. Version 0.9. LICENSE: pd  
 URL: <https://ctan.org/pkg/chemarrow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemarrow>
- Schröppel, Christian. *The forarray package. Using array structures in  $\LaTeX$* . 2016-06-24. Version 1.01. LICENSE: lppl. The package provides functionality for processing lists and array structures in `array`. Arrays can contain characters as well as  $\TeX$  and  $\LaTeX$  commands, nesting of arrays is possible, and arrays are processed within the same brace level as their surrounding environment.

Array levels can be delimited by characters or control sequences defined by the user. Practical uses of this package include data management, construction of lists and tables, and calculations based on the contents of lists and arrays.

URL: <https://ctan.org/pkg/forarray>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forarray>

Schubert, Sebastian. *The mdsymbol package. Symbol fonts to match Adobe Myriad Pro.* 2016-06-24. Version 0.5. LICENSE: ofl

URL: <https://ctan.org/pkg/mdsymbol>

MIRROR: <https://mirror.ctan.org/fonts/mdsymbol>

Schubotz, Moritz. *The texvc package. Use MediaWiki L<sup>A</sup>T<sub>E</sub>X commands.* 2018-03-05. Version 1.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/texvc>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texvc>

Schulder, Marc and Thomas Hanke. *The hamnosys package. A font for sign languages.* 2022-02-08. Version 1.0.3. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/hamnosys>

MIRROR: <https://mirror.ctan.org/fonts/hamnosys>

Schuler, J. Peter M. *The udesoftec package. Thesis class for the University of Duisburg-Essen.* 2021-02-23. Version 1.7.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/udesoftec>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/udesoftec>

Schüler, Christian. *The SmileTeX package. Create L<sup>A</sup>T<sub>E</sub>X documents and more from simple texts.* 2016-06-24. LICENSE: nosource

URL: <https://ctan.org/pkg/smiletex>

MIRROR: <https://mirror.ctan.org/support/smiletex>

Schulter, Wolfgang. *The wmf2eps package. Windows metafile conversion.* 2016-06-24. Version 1.32. LICENSE: shareware

URL: <https://ctan.org/pkg/wmf2eps>

MIRROR: <https://mirror.ctan.org/support/wmf2eps>

Schulz, Herbert. *The courier scaled package. Provides a scaled Courier font.* 2016-06-24. LICENSE: lppl1.2

URL: <https://ctan.org/pkg/courier-scaled>

MIRROR: <https://mirror.ctan.org/fonts/psfonts/courier-scaled>

Schulz, Stefan. *The chemcono package. Support for compound numbers in chemistry documents.* 2016-06-24. Version 1.3. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X package for using compound numbers in chemistry documents. It works like and the , using and instead. It allows compound names in documents to be numbered and does not affect the normal citation routines.

URL: <https://ctan.org/pkg/chemcono>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcono>

Schulzrinne, Henning. *The 12x package. L<sup>A</sup>T<sub>E</sub>X to ASCII.* 2016-06-24. Version 1.4. LICENSE: nocommercial

URL: <https://ctan.org/pkg/12x>

MIRROR: <https://mirror.ctan.org/support/12x>

Schurig, Carsten, Tobias Schlemmer, and Baden Hughes. *The pdfcpot package. Activating and setting of character protruding using pdfLaTeX.* 2016-06-24. Version 1.7a. LICENSE: lppl

URL: <https://ctan.org/pkg/pdfcpot>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcpot>

Schuster, Wolfgang. *The context-account package. A simple accounting package.* 2018-01-06. LICENSE: pd

URL: <https://ctan.org/pkg/context-account>

MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-account>

— *The context-algorithmic package. Algorithm handling in ConTeXt.* 2016-06-24. LICENSE: gpl. Support for typesetting algorithms (a port of the L<sup>A</sup>T<sub>E</sub>X package , which was a predecessor of ).

URL: <https://ctan.org/pkg/context-algorithmic>

MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-algorithmic>

— *The context-animation package. Generate fieldstack based animation with ConTeXt.* 2018-08-11. LICENSE: gpl3. The package is a port, to (mkvi), of the corresponding

URL: <https://ctan.org/pkg/context-animation>

MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-animation>

— *The context-annotation package. Annotate text blocks.* 2018-08-11. LICENSE: gpl. The module lets you create your own commands and environments to mark text blocks.

URL: <https://ctan.org/pkg/context-annotation>

MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-annotation>

— *The context-fancybreak package. Overfull pages with ConTeXt.* 2018-08-11. LICENSE: gpl

URL: <https://ctan.org/pkg/context-fancybreak>

MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-fancybreak>



- Schuster, Wolfgang. *The context-fixme package. Make editorial marks on a document.* 2016-10-22. LICENSE: pd  
 URL: <https://ctan.org/pkg/context-fixme>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-fixme>
- *The context-fullpage package. Overfull pages with ConTeXt.* 2018-08-11. LICENSE: gpl. The (ConTeXt) module copies the functionality of the , and adds a styling parameter, given in the command  
 URL: <https://ctan.org/pkg/context-fullpage>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-fullpage>
  - *The context-letter package. ConTeXt package for writing letters.* 2021-10-17. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-letter>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-letter>
  - *The context-ruby package. Ruby annotations in ConTeXt.* 2018-08-11. LICENSE: pd. Ruby markup (aka furigana in Japan) are inline annotations above or below a word to indicate the reading of ideographic characters. The module implements the in ConTeXt. The position and layout of the base text and the ruby text can becontrolled by parameters.  
 URL: <https://ctan.org/pkg/context-ruby>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-ruby>
  - *The context-simplefonts package. Simplified font usage for ConTeXt.* 2018-08-11. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-simplefonts>
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  - *The minion2newtx package. Enable use of Minion Pro with newtx.* 2020-05-03. Version 2.0. LICENSE: lppl1.3. The package is an add-on to the newtxmath package, providing metric files that allow use of the Roman and Greek letters from MinionPro Version 2 within using the 'minion' option.  
 URL: <https://ctan.org/pkg/minion2newtx>  
 MIRROR: <https://mirror.ctan.org/fonts/minion2newtx>
  - *The montserrat package. Montserrat sans serif, ofl and pfb, with L<sup>A</sup>T<sub>E</sub>X support files.* 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/montserrat>  
 MIRROR: <https://mirror.ctan.org/fonts/montserrat>
  - *The newpx package. Alternative uses of the PX fonts, with improved metrics.* 2022-01-30. Version 1.505. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/newpx>  
 MIRROR: <https://mirror.ctan.org/fonts/newpx>
  - *The newtx package. Alternative uses of the TX fonts, with improved metrics.* 2022-03-03. Version 1.71. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/newtx>  
 MIRROR: <https://mirror.ctan.org/fonts/newtx>
  - *The newtxsf package. Sans-math fonts for use with newtx.* 2021-05-16. Version 1.054. LICENSE: ofl. The package provides a maths support that amounts to modifications of the sans serif Roman and Greek letters with most symbols taken from (which must of course be installed and its map file enabled).  
 URL: <https://ctan.org/pkg/newtxsf>  
 MIRROR: <https://mirror.ctan.org/fonts/newtxsf>
  - *The newtxtt package. Enhancement of typewriter fonts from newtx.* 2020-02-16. Version 1.056. LICENSE: gpl3,lppl  
 URL: <https://ctan.org/pkg/newtxtt>  
 MIRROR: <https://mirror.ctan.org/fonts/newtxtt>
  - *The nimbus15 package. Support files for Nimbus 2015 Core fonts.* 2021-04-07. Version 1.014. LICENSE: other-free,lppl1.3  
 URL: <https://ctan.org/pkg/nimbus15>  
 MIRROR: <https://mirror.ctan.org/fonts/nimbus15>
  - *The notomath package. Math support for Noto fonts.* 2021-03-25. Version 1.02. LICENSE: ofl,lppl1.3. Math support via for Google's . (Regular and Bold weights only.)  
 URL: <https://ctan.org/pkg/notomath>  
 MIRROR: <https://mirror.ctan.org/fonts/notomath>
  - *The pst-bspline package. Draw cubic Bspline curves and interpolations.* 2016-06-24. Version 1.62. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pst-bspline>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
  - *The pst-layout package. Page layout macros based on PSTricks packages.* 2018-09-15. Version .95. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-layout>  
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 URL: <https://ctan.org/pkg/pstdoc>  
 MIRROR: <https://mirror.ctan.org/info/pstdoc>
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 URL: <https://ctan.org/pkg/ptmsc>  
 MIRROR: <https://mirror.ctan.org/fonts/ptmsc>
  - *The ptxal fa package. Virtual maths alphabets based on pxfonts and txfonts*. 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
 URL: <https://ctan.org/pkg/ptxal fa>  
 MIRROR: <https://mirror.ctan.org/fonts/ptxal fa>
  - *The rsfso package. A mathematical calligraphic font based on rsfs*. 2021-10-22. Version 1.03. LICENSE: lppl. The package provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for mathematical calligraphic fonts based on the (which must also be present for successful installation, with the slant substantially reduced. The output is quite similar to that from the Adobe Mathematical Pi script font.  
 URL: <https://ctan.org/pkg/rsfso>  
 MIRROR: <https://mirror.ctan.org/fonts/rsfso>
  - *The scanpages package. Support importing and embellishing scanned documents*. 2016-12-02. Version 1.05a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scanpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scanpages>
  - *The ScholaX package. Extension of T<sub>E</sub>X Gyre Schola (New Century Schoolbook) with math support*. 2022-02-01. Version 1.033. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scholax>  
 MIRROR: <https://mirror.ctan.org/fonts/scholax>
  - *The SticksToo package. A reworking of STIX2*. 2021-10-18. Version 1.035. LICENSE: ofl,lppl1.3. SticksToo is a reworking of the STIX2 fonts with support files focussing on enhancements of support for L<sup>A</sup>T<sub>E</sub>X users wishing to be able to access more of its features. A companion addition to the package (version 1.55) provides a matching math package using STIX2 letters (Roman and Greek) with symbols.  
 URL: <https://ctan.org/pkg/stickstoo>  
 MIRROR: <https://mirror.ctan.org/fonts/stickstoo>
  - *The superiors package. Attach superior figures to a font family*. 2019-08-19. Version 1.06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/superiors>  
 MIRROR: <https://mirror.ctan.org/fonts/superiors>
  - *The tempora package. Greek and Cyrillic to accompany Times*. 2016-06-24. Version 1.05. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/tempora>  
 MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUpCal package. Upright calligraphic font based on TX calligraphic*. 2017-03-09. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as an uprighted version of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.  
 URL: <https://ctan.org/pkg/txuprcal>  
 MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
  - *The urwchancal package. Use URW's clone of Zapf Chancery as a maths alphabet*. 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/urwchancal>  
 MIRROR: <https://mirror.ctan.org/fonts/urwchancal>
  - *The XCharter package. Extension of Bitstream Charter fonts*. 2022-04-17. Version 1.24. LICENSE: other-free,lppl1.3  
 URL: <https://ctan.org/pkg/xcharter>  
 MIRROR: <https://mirror.ctan.org/fonts/xcharter>
  - *The zlm tt package. Use Latin Modern Typewriter fonts*. 2022-08-08. Version 1.032. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/zlm tt>  
 MIRROR: <https://mirror.ctan.org/fonts/zlm tt>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>
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 URL: <https://ctan.org/pkg/fullpict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
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 URL: <https://ctan.org/pkg/ieeetran>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran>
- *The ieeetrantools package. Functionality from IEEEtran for use with other classes*. 2021-06-24. Version 1.4. LICENSE: lppl1.3. The package provides several commands from the so that they can be used under other L<sup>A</sup>T<sub>E</sub>X classes; the package should not be used in a document that uses that parent class. The user guide only covers the ways in which usage differs from that in the parent class; thus the documentation of that class should be regarded as part of the documentation for the package.  
 URL: <https://ctan.org/pkg/ieeetrantools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/tools>
  - *The mciteplus package. Enhanced multiple citations*. 2017-04-18. Version 1.2. LICENSE: lppl. The mciteplus L<sup>A</sup>T<sub>E</sub>X package is an enhanced reimplementation of Thorsten Ohl’s package which provides support for the grouping of multiple citations together as is often done in physics journals. An extensive set of features provide for other applications such as reference sublisting.  
 URL: <https://ctan.org/pkg/mciteplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mciteplus>
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 URL: <https://ctan.org/pkg/autolist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/autolist.sty>
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 URL: <https://ctan.org/pkg/biokey>  
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 URL: <https://ctan.org/pkg/biolist>  
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 URL: <https://ctan.org/pkg/boldline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/boldline.sty>
  - *The cassette-shipunov package. Print labels for audio cassettes*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/cassette-shipunov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/cassete.cls>
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 URL: <https://ctan.org/pkg/classif2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/classif2.sty>
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 URL: <https://ctan.org/pkg/drcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/drcaps.sty>
  - *The shipunov package. A collection of L<sup>A</sup>T<sub>E</sub>X packages and classes*. 2019-10-08. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/shipunov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
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 URL: <https://ctan.org/pkg/sltables>  
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 MIRROR: <https://mirror.ctan.org/macros/generic/boxedart4mac>
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 URL: <https://ctan.org/pkg/boxedeps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/boxedeps>
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 URL: <https://ctan.org/pkg/bsr2dvi>  
 MIRROR: <https://mirror.ctan.org/dviware/BSR2dvi>
  - *The caesarcm package. Hyphenation of inflected languages, using CM fonts*. 2016-06-24. Version 2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/caesarcm>  
 MIRROR: <https://mirror.ctan.org/macros/generic/caesarcm>
  - *The labelfig package. Label L<sup>A</sup>T<sub>E</sub>X 2.09 figures included in documents*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/labelfig>  
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 URL: <https://ctan.org/pkg/occam>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfloat>
  - *The rotfloat package. Rotate floats*. 2016-06-24. Version 1.2. LICENSE: lppl. The package provides commands to define new floats of various styles (plain, boxed, ruled, and userdefined ones); the package provides new environments (sidewaysfigure and sidewaysstable) which are rotated by 90 or 270 degrees. But what about new rotated floats, e.g. a rotated ruled one? This package makes this possible; it builds a bridge between the two packages and extends the commands from the float package to define rotated versions of the new floats, too.  
 URL: <https://ctan.org/pkg/rotfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
  - *The rplain package. Redefines the plain pagestyle*. 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
 URL: <https://ctan.org/pkg/rplain>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>
  - *The subcaption package. Support for sub-captions*. 2022-02-28. Version 1.5. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The totalcount package. Commands for typesetting total values of counters*. 2020-09-07. Version 1.0a. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/umlaute>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umlaute>
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- Souza Bastos, Fernando de. *The figchild package. Pictures for creating children's activities*. 2022-03-23. Version 2.1.1. LICENSE: lppl1.3c. This package was created with the aim of facilitating the work of Elementary School teachers who need to create colorful and attractive activities for their students. It is a product of the Computational Mathematics discipline offered at the Federal University of Viçosa — Campus UFV — Florestal by professor Fernando de Souza Bastos. It makes use of the and packages.  
URL: <https://ctan.org/pkg/figchild>  
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URL: <https://ctan.org/pkg/picinpar>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/picinpar>
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URL: <https://ctan.org/pkg/bm2font>  
MIRROR: <https://mirror.ctan.org/graphics/bm2font>
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URL: <https://ctan.org/pkg/noprot>  
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- Spalek, Robert. *The mf2tex package. Add labels into drawings created with Metafont*. 2016-06-24. LICENSE: gpl  
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URL: <https://ctan.org/pkg/statex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex>
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URL: <https://ctan.org/pkg/statex2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex2>
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URL: <https://ctan.org/pkg/newapa>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/newapa>
- Spiegel, Simon. *The biblatex-fiwi package. BibL<sup>A</sup>T<sub>E</sub>X styles for use in German humanities*. 2017-11-21. Version 1.7. LICENSE: lppl1.3. The package provides a collection of styles for (version 3.5 is required, currently). It was designed for citations in German Humanities, especially film studies, and offers some features that are not provided by the standard BibL<sup>A</sup>T<sub>E</sub>X styles. The style is highly optimized for documents written in German, and the main documentation is only available in German.  
URL: <https://ctan.org/pkg/biblatex-fiwi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-fiwi>
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URL: <https://ctan.org/pkg/plipsum>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plipsum>
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URL: <https://ctan.org/pkg/bib2xhtml>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bib2xhtml>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/univie-ling>
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URL: <https://ctan.org/pkg/covington>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/covington>
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URL: <https://ctan.org/pkg/lamstex>  
MIRROR: <https://mirror.ctan.org/macros/lamstex>
  - *The lamstex-index package. Index processor for LamsTeX.* 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/lamstex-index>  
MIRROR: <https://mirror.ctan.org/indexing/lamstex-index>
  - *The mtp2lite package. Subset of MathTime Pro 2 font set.* 2017-04-18. Version 2 lite. LICENSE: other-nonfree  
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MIRROR: <https://mirror.ctan.org/support/xml2pmx>
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URL: <https://ctan.org/pkg/clrstrip>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrstrip>
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URL: <https://ctan.org/pkg/ducksay>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ducksay>
  - *The duckuments package. Create duckified dummy content.* 2019-10-03. Version 0.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/duckuments>  
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URL: <https://ctan.org/pkg/expkv>  
MIRROR: <https://mirror.ctan.org/macros/generic/expkv>
  - *The expkv-cs package. Define expandable key=val macros using expkv.* 2022-02-13. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/expkv-cs>  
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  - *The expkv-def package. A key-defining frontend for expkv.* 2022-01-29. Version 0.9. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/expkv-def>  
MIRROR: <https://mirror.ctan.org/macros/generic/expkv-def>
  - *The expkv-opt package. Parse class and package options with expkv.* 2021-04-05. Version 0.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/expkv-opt>  
MIRROR: <https://mirror.ctan.org/macros/generic/expkv-opt>
  - *The grabbox package. Read an argument into a box and execute the code afterwards.* 2019-05-08. Version 1.4. LICENSE: lppl1.3c. The package provides the command , which grabs an argument into a box and executes the code afterwards.  
URL: <https://ctan.org/pkg/grabbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grabbox>

- Spratte, Jonathan P. *The pgfmath-xfp package. Define pgfmath functions using xfp*. 2021-05-21. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pgfmath-xfp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfmath-xfp>
- *The pxpic package. Draw pixel pictures*. 2021-12-13. Version 1.3. LICENSE: lppl1.3c. With you draw pictures pixel by pixel. It was inspired by a by Paulo Cereda, among other things (most notably a beautiful duck) showcasing the use of characters from the Mario video games by Nintendo in L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/pxpic>  
 MIRROR: <https://mirror.ctan.org/graphics/pxpic>
  - *The xistercian package. Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X*. 2021-12-20. Version 1.2. LICENSE: lppl1.3c. allows you to use Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X. The glyphs are created using PGF and to a certain degree configurable. You can use Cistercian numerals as page numbers using . The two main macros are:  
 URL: <https://ctan.org/pkg/xistercian>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/xistercian>
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 URL: <https://ctan.org/pkg/listofsymbols>  
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- Sprillie, Tobias. *The adrlist package. Using address lists in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo. The package provides a read-file command () and a set of commands for unpicking the address data in the file.  
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 MIRROR: <https://mirror.ctan.org/language/indian/adami90.zip>
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 URL: <https://ctan.org/pkg/untex>  
 MIRROR: <https://mirror.ctan.org/support/untex>
- Stacey, Andrew. *The braids package. Draw braid diagrams with PGF/TikZ*. 2022-10-26. Version 2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/braids>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/braids>
- *The celtic package. A TikZ library for drawing celtic knots*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/celtic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/celtic>
  - *The hobby package. An implementation of Hobby’s algorithm for PGF/TikZ*. 2017-06-01. Version 1.8. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hobby>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hobby>
  - *The penrose package. A TikZ library for producing Penrose tilings*. 2021-01-23. Version 1.4. LICENSE: lppl1.3c. This package provides a library for drawing Penrose tiles. It currently supports the kite/dart, rhombus, and pentagon tile sets. There are two main methods for their placement: one that automatically generates a tiling, and one that allows for “by hand” placement. Furthermore, the tiles themselves can be deformed and will still (hopefully!) fit together in the correct fashion.  
 URL: <https://ctan.org/pkg/penrose>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/penrose>
  - *The pgfmorepages package. Assemble multiple logical pages onto a physical page*. 2020-04-16. Version 1.20. LICENSE: lppl1.3c. This package replaces and extends the pgfpages sub-package of the . It provides the capability to arrange multiple “logical” pages on multiple “physical” pages, for example as for arranging pages to make booklets.  
 URL: <https://ctan.org/pkg/pgfmorepages>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgfmorepages>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/fixbbl>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpc>
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 URL: <https://ctan.org/pkg/cherokee>  
 MIRROR: <https://mirror.ctan.org/fonts/cherokee>
- *The cypriote package. A font for ancient Cypriot Greek inscriptions.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cypriote>  
 MIRROR: <https://mirror.ctan.org/fonts/cypriote>
- *The dancers package. Font for Conan Doyle’s “The Dancing Men”.* 2016-06-30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dancers>  
 MIRROR: <https://mirror.ctan.org/fonts/dancers>
- *The georgian-stanier package. A Georgian font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/georgian-stanier>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/stanier>
- *The goblin package. Tolkien’s goblin alphabet.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/goblin>  
 MIRROR: <https://mirror.ctan.org/fonts/goblin>
- *The iching package. A font for I Ching divinations.* 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X file is provided to print out divinations, using the font (supplied as Metafont source). The macro in the L<sup>A</sup>T<sub>E</sub>X file is a simplified beast, in which significance is only accorded to one line in the hexagram.  
 URL: <https://ctan.org/pkg/iching>  
 MIRROR: <https://mirror.ctan.org/fonts/iching>
- *The osmanian package. Osmanian font for writing Somali.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/osmanian>  
 MIRROR: <https://mirror.ctan.org/fonts/osmanian>
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 URL: <https://ctan.org/pkg/shavian>  
 MIRROR: <https://mirror.ctan.org/fonts/shavian>
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 URL: <https://ctan.org/pkg/southarabian>  
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 URL: <https://ctan.org/pkg/ugaritic>  
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 URL: <https://ctan.org/pkg/bibletext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibletext>
- *The LaTeXgit package. A L<sup>A</sup>T<sub>E</sub>X git wrapper*. 2020-04-20. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/latexgit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latexgit>
- *The memorygraphs package. TikZ styles to typeset graphs of program memory*. 2019-01-07. Version 0.1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/memorygraphs>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/memorygraphs>
- Starks, Anthony. *The fig2mf package. Convert fig output to Metafont*. 2016-06-24. Version 0.04. LICENSE: nosell. The generated Metafont code uses the macros.  
 URL: <https://ctan.org/pkg/fig2mf>  
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- Statulevičius, Vytas. *The floatpag package. Different pagestyles on float pages*. 2021-10-11. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/floatpag>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
- Stauss, Harald M. *The fastpictex package. Simple specification of PicTeX diagrams*. 2016-06-24. Version 0.9. LICENSE: gpl. FastPicTeX is a preprocessor for . It reads macros (in a language that is very easy to write) and converts them to PicTeX code that can be included in L<sup>A</sup>T<sub>E</sub>X documents. FastPicTeX is specifically designed for diagrams of numbered data material, such as line graphs, bar graphs, or xy graphs.  
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 URL: <https://ctan.org/pkg/cmsrb>  
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 URL: <https://ctan.org/pkg/cmupint>  
 MIRROR: <https://mirror.ctan.org/fonts/cmupint>
- *The srbtiks package. Font STIX2 for Serbian and Macedonian*. 2022-05-26. Version 1.0. LICENSE: ofl,lppl1.3. The package is the extension of the package that enables usage of the STIX2 font in L<sup>A</sup>T<sub>E</sub>X for the Serbian and Macedonian languages (therefore, it is required to have the package installed).  
 URL: <https://ctan.org/pkg/srbtiks>  
 MIRROR: <https://mirror.ctan.org/fonts/srbtiks>
- Steffani, Hans Friedrich. *The fancyfolien package. Fancyhdr outline for German readers*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fancyfolien>  
 MIRROR: <https://mirror.ctan.org/info/german/fancyhdr>
- *The ftcap package. Allows \caption at the beginning of a table-environment*. 2016-06-24. Version 1.4. LICENSE: gpl. For several reasons a may be desirable at the top of a environment. This package changes the environment such that and are swapped. The package should also work with a non-standard table environment.  
 URL: <https://ctan.org/pkg/ftcap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftcap>
- Steffens, Stefan and George Greenwade. *The latex-info package. Unofficial reference manual for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 2.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/latex-info>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/latex-info>
- Steffmann, Dieter and Maurizio Loreti. *The initials package. Adobe Type 1 decorative initial fonts*. 2019-07-06. LICENSE: lppl. For each font, at least a and a file is provided, with an file for use with L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/initials>  
 MIRROR: <https://mirror.ctan.org/fonts/initials>

- Stein, Leo. *The orcidlink package. Insert hyperlinked ORCID logo.* 2021-06-11. Version 1.0.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/orcidlink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/orcidlink>
- Steinbach, Andrea and Angelika Schofer. *The mtex package. The pioneering music-in-TeX macros.* 2018-01-06. Version 0.92. LICENSE: noinfo. This package, MuTeX (as it was originally known) the humble base by which both and (indirectly) were inspired.  
 URL: <https://ctan.org/pkg/mtex>  
 MIRROR: <https://mirror.ctan.org/macros/mtex>
- Steiner, Beat. *The ttt package. A Tibetan Transcript Transliterator for L<sup>A</sup>T<sub>E</sub>X.* 2018-01-06. Version 0.1. LICENSE: gpl. The transcriptions work with Sirlin's , but the transcriber manages better support (particularly of ligatures) than other approaches to Tibetan.  
 URL: <https://ctan.org/pkg/ttt>  
 MIRROR: <https://mirror.ctan.org/language/tibetan/steiner>
- Steiner, Dave. *The usenix package. Style option to do Usenix conference proceedings.* 2016-06-24. LICENSE: nosell. This is an option, conforming to rules derived from "Instructions for Usenix Authors and Speakers". Unfortunately the package author considered some of the details unclear, and was unable to clear up the problems for lack of communication with Usenix admin.  
 URL: <https://ctan.org/pkg/usenix>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/usenix.sty>
- Stender, Daniel. *The xetex-devanagari package. XeTeX input map for Unicode Devanagari.* 2016-06-24. Version 0.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xetex-devanagari>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/devanagari>
- *The xetex-tibetan package. XeTeX input maps for Unicode Tibetan.* 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xetex-tibetan>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/tibetan>
- Stepanyan, R. *The barddiag package. L<sup>A</sup>T<sub>E</sub>X package for drawing bar diagrams.* 2018-09-15. Version 0.4a. LICENSE: lppl. The main purpose of the package is to make the drawing of bar diagrams possible and easy in L<sup>A</sup>T<sub>E</sub>X. The BarDiag package is inspired by and based on .  
 URL: <https://ctan.org/pkg/barddiag>  
 MIRROR: <https://mirror.ctan.org/graphics/barddiag>
- *The biblio-perl package. System for maintaining and presenting bibliographies.* 2016-06-24. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/biblio-perl>  
 MIRROR: <https://mirror.ctan.org/support/biblio>
- Stephani, Philipp. *The luatex-math package. Fixes for mathematics-related LuaL<sup>A</sup>T<sub>E</sub>X issues.* 2022-01-01. Version 1.12. LICENSE: lppl1.3c. The package patches a few commands of the L<sup>A</sup>T<sub>E</sub>X2e kernel and the and packages to be more compatible with the LuaTeX engine. It is only meaningful for LuaL<sup>A</sup>T<sub>E</sub>X documents containing mathematical formulas, and does not exhibit any new functionality. The fixes are mostly moved from the package to this package since they are not directly related to Unicode mathematics typesetting.  
 URL: <https://ctan.org/pkg/luatex-math>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luatex-math>
- *The luaLaTeX-platform package. Load platform-specific code into LuaTeX.* 2016-06-24. Version 0.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/luatex-platform>  
 MIRROR: <https://mirror.ctan.org/obsolete/systems/luatex/contrib/luatex-platform>
- Stergiou, Andreas. *The chet package. L<sup>A</sup>T<sub>E</sub>X layout inspired by harvmac.* 2017-08-19. Version 2.2. LICENSE: lppl1.3. The package aims to streamline the work of typesetting, and to provide the look and feel of for readers.  
 URL: <https://ctan.org/pkg/chet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chet>
- Sterling, Jonathan. *The jmsdelim package. A package for compositional delimiter sizing.* 2022-03-12. Version 0.2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/jmsdelim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmsdelim>
- Sternefeld, Wolfgang. *The linguex package. Format linguists' examples.* 2016-06-24. Version 4.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/linguex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/linguex>
- *The pstrees package. Construct linguistics trees using a preprocessor.* 2016-06-24. Version 2. LICENSE: lppl. The preprocessor (written in C) prepares tree sources; the macros make use of Emma Pease's package.  
 URL: <https://ctan.org/pkg/pstrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/pstrees>

- Steuer, Arne W. *The cassette209 package. A L<sup>A</sup>T<sub>E</sub>X 209 document style for cassette inserts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cassette209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/cassette>
- Stewart, G. W. *The jeep package. Modified L<sup>A</sup>T<sub>E</sub>X 2.09 article and report styles.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/jeep>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/jeep>
- Stippich, Frank. *The texed package. A T<sub>E</sub>X shell for OS/2.* 2016-06-24. Version 1.50. LICENSE: shareware. A T<sub>E</sub>X shell for OS/2, FSS-TeXEdit provides an easy interface for L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>, and .  
 URL: <https://ctan.org/pkg/texed>  
 MIRROR: <https://mirror.ctan.org/systems/os2/texed>
- Stoffel, Augusto. *The tikz-cd package. Create commutative diagrams with TikZ.* 2021-05-08. Version 1.0. LICENSE: lppl1.3. The general-purpose drawing package can be used to typeset commutative diagrams and other kinds of mathematical pictures, generating high-quality results. The purpose of this package is to make the process of creation of such diagrams easier by providing a convenient set of macros and reasonable default settings. This package also includes an arrow tip library that match closely the arrows present in the Computer Modern typeface.  
 URL: <https://ctan.org/pkg/tikz-cd>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>
- Stoks, Sander. *The kix package. Typeset KIX codes.* 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/kix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kix>
- Stone, Anthony. *The bidstobibtex package. Convert BIDS returns to BibTeX.* 2016-06-24. LICENSE: noinfo. A Perl script that takes input from a email message (generated by BIDS in its downloading format) to BibTeX.  
 URL: <https://ctan.org/pkg/bidstobibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bids/bids.to.bibtex>
- Stone, Philip. *The ReadableCV package. A highly readable and good looking CV and letter class.* 2021-03-24. Version 3.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/readablecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/readablecv>
- Story, Donald P. *The acroflex package. Create a graphing widget in a PDF file.* 2021-09-11. Version 1.7. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/acroflex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/acroflex>
- *The AcroMemory package. Memory games in L<sup>A</sup>T<sub>E</sub>X.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/acromemory>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)
- *The AcroSort package. Sort sliced image into order.* 2021-09-11. Version 1.6.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acrosort>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acrosort](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acrosort)
- *The acrotex package. The AcroTeX education bundle.* 2021-10-13. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acrotex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The acrotex-js package. JavaScript files used by acrotex and other packages.* 2021-11-07. LICENSE: lppl. In the distribution of this package are two critical JavaScript files ( and ) used by the packages , , and . Previously these JS files were distributed with the individual packages, now they are distributed by this package and must be installed according to the instructions in the folder.  
 URL: <https://ctan.org/pkg/acrotex-js>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex-js>
- *The acrotex-web package. Establish a page layout for an on-screen (PDF) document.* 2021-05-12. Version 6.1.7. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/acrotex-web>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The AeB Pro package. Items from the AeB Pro Family of Software.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/aeb-pro>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb\\_pro](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb_pro)
- *The AeB slicing package. An image slicer.* 2021-09-11. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aeb-slicing>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb-slicing](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb-slicing)
- Story, Donald P. *The aeb-minitoc package. Create mini-tocs.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/aeb-minitoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeb-minitoc>

- *The aeb-mlink package. Multi-line links with hyperref.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/aeb-mlink>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_mlink](https://mirror.ctan.org/macros/latex/contrib/aeb_mlink)
- *The aeb-mobile package. Format PDF files for use on a smartphone.* 2021-09-11. Version 1.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aeb-mobile>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_mobile](https://mirror.ctan.org/macros/latex/contrib/aeb_mobile)
- *The aeb-tilebg package. AeB Tiling Backgrounds.* 2021-09-11. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aeb-tilebg>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_tilebg](https://mirror.ctan.org/macros/latex/contrib/aeb_tilebg)
- *The aeb\_dad package. A drag-and-drop matching game with PDF files.* 2016-12-14. Version 1.2b. LICENSE: lppl. The package is used to create a DAD (Drag and Drop) Matching Game that uses stamps and push buttons. DAD Matching works in any version of Acrobat, and in Adobe Reader XI; it can use the stamps created by the .  
 URL: [https://ctan.org/pkg/aeb\\_dad](https://ctan.org/pkg/aeb_dad)  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
- *The aebenvelope package. The AeB Pro eEnvelope System.* 2021-09-11. Version 1.0. LICENSE: lppl. The package uses the concept of an ‘eEnvelope’ to direct the user’s attention to attached files. The system may use any one of four provided eEnvelope templates, or can use a custom designed template. The package is required to attach documents to the eEnvelope. AeB Pro, and hence also eEnvelope, requires Acrobat Pro, version 7.0 or later, and requires the document author to create PDF using distiller.  
 URL: <https://ctan.org/pkg/aebenvelope>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebenvelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebenvelope)
- *The aebXMP package. Add advanced metadata to PDF files.* 2021-09-11. LICENSE: lppl1.2,lppl1.2  
 URL: <https://ctan.org/pkg/aebxmp>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebxmp](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebxmp)
- *The annot-pro package. Create text, stamp and file attachment annotations.* 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/annot-pro>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/annot\\_pro](https://mirror.ctan.org/macros/latex/contrib/annot_pro)
- *The artthreads package. Support for article threads.* 2021-09-11. Version 1.3.1. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/artthreads>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/artthreads>
- *The bargraph-js package. Create bar graphs using form fields and JavaScript.* 2021-09-11. Version 0.8. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/bargraph-js>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bargraph-js>
- *The cntdwn package. Support for countdowns, and for clocks in any timezone.* 2021-09-11. Version 0.6. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/cntdwn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntdwn>
- *The conv-xkv package. Create new key-value syntax.* 2017-03-20. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/conv-xkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>
- *The datepicker-pro package. Create a popup datepicker using SWF.* 2021-09-11. Version 1.4. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/datepicker-pro>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>
- *The digicap-pro package. Creates captions to digital photos.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/digicap-pro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>
- *The docassembly package. Use the Acrobat JavaScript API.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/docassembly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docassembly>
- *The dps package. Create a “matching” game with a hidden message.* 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dps>
- *The ecards package. Electronic flash cards.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/ecards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecards>
- *Story, Donald P. The eforms package. eForm support for the AcroTeX bundle.* 2021-05-12. Version 2.4.3. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/eforms>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>



- *The endnotes-hy package.* Patches the endnotes package to create hypertext links to the correct anchors. 2020-04-16. LICENSE: lppl1.2. The package supports the creation of hypertext links in support of the package. The package modifies the syntax of the command: When the -option is used, no endnote mark is created, but the endnote itself is written. The command appears at the end of the and its arguments, rather than within the argument of the argument.  
URL: <https://ctan.org/pkg/endnotes-hy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endnotes-hy>
- *The eq-fetchbbl package.* Match Biblical passages with verse references in a quiz. 2021-09-11. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eq-fetchbbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-fetchbbl>
- *The eq-pin2corr package.* Add PIN security to the “Correct” button of a quiz created by exerquiz. 2021-06-05. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/eq-pin2corr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-pin2corr>
- *The eq-save package.* Save exerquiz quizzes and resume. 2021-09-11. LICENSE: lppl1.2. The package has a scheme for saving data from documents so the student can return later to continue with quiz results restored.  
URL: <https://ctan.org/pkg/eq-save>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-save>
- *The eq2db package.* Convert a quiz to one submitted to a server-side script. 2021-09-11. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eq2db>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq2db>
- *The eqexam package.* A stand-alone exam package. 2021-09-11. LICENSE: lppl1.2. eqExam is a L<sup>A</sup>T<sub>E</sub>X package for writing exams, tests, quizzes, homework assignments, etc. It is a stand alone package, yet is tightly integrated with the .  
URL: <https://ctan.org/pkg/eqexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqexam>
- *The exerquiz package.* Environments for defining exercises and quizzes. 2021-10-13. Version 8.8.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/exerquiz>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The fc-arith package.* Create an arithmetic flash card. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fc-arith>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/fc\\_arith](https://mirror.ctan.org/macros/latex/contrib/fc_arith)
- *The fetchbibpes package.* Creates a DB of Bible verses from e-Sword, then fetches them on command. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fetchbibpes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchbibpes>
- *The FitR package.* Set a rectangular destination and jump to it. 2021-09-11. Version 1.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/fitr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitr>
- *The fldigial package.* Create a Flash slide show of digital photos. 2021-09-11. Version 0.6. LICENSE: lppl1  
URL: <https://ctan.org/pkg/fldigial>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
- *The forms16be package.* Initialize form properties using big-endian encoding. 2019-06-03. Version 1.3. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/forms16be>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>
- *The graphicxbox package.* Insert a graphical image as a background. 2016-06-24. Version 1.0. LICENSE: lppl. The package defines two new commands and , which are companions to and of the . The command inserts a graphical image as a background rather than a background color, while does the same thing, but also draws a colored frame around the box.  
URL: <https://ctan.org/pkg/graphicxbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>
- *The GraphicxSP package.* An extension of the graphicx package. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/graphicxsp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>
- *The grayhints package.* Produce ‘gray hints’ to a variable text field. 2018-11-03. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/grayhints>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grayhints>
- *Story, Donald P. The icon-appr package.* Creates icon appearances for form buttons. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/icon-appr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>



- *The insdljs package. Insert document-level JavaScript in L<sup>A</sup>T<sub>E</sub>X documents.* 2021-06-19. Version 2.5.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/insdljs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The jj-game package. A L<sup>A</sup>T<sub>E</sub>X class to construct Jeopardy-like games.* 2021-09-11. Version 3.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/jj-game>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)
- *The lmacs package. A simple package for including support files.* 2021-09-11. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/lmacs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
- *The ltx4yt package. Play YouTube videos in the default browser.* 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/ltx4yt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>
- *The mi-solns package. Extract solutions from exercises and quizzes.* 2019-01-12. Version 0.6. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/mi-solns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mi-solns>
- *The mkstmp package. Provides a simple workflow for creating custom stamps.* 2018-06-12. Version 1.1. LICENSE: lppl  
URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
- *The opacity-pro package. Set transparency and blend mode.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/opacity-pro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>
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URL: <https://ctan.org/pkg/popupmenu>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
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URL: <https://ctan.org/pkg/qrcstamps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
- *The ran\_toks package. Randomise token strings.* 2021-06-06. LICENSE: lppl1  
URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
- *The rangen package. Generate random integers, rational and decimal numbers.* 2021-09-11. Version 1.4. LICENSE: lppl1.2. The package generates random integers, rational numbers, and decimal numbers. The package uses the package to generate random integers, and then builds rational numbers and decimal numbers from the generated integers.  
URL: <https://ctan.org/pkg/rangen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
- *The renditions package. Multiple versions from the same content.* 2021-09-11. Version 0.1. LICENSE: lppl. The package sets up ‘comment’ environments, called ; each rendition is thought of as a version of the basic content of the document that includes it.  
URL: <https://ctan.org/pkg/renditions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
- *The richtext package. Create rich text strings.* 2021-09-11. LICENSE: lppl1.2. The richtext package is used to create rich text strings that can, in turn, be inserted into the RV (and V) keys of text field. Currently, only the eforms package supports the RV key.  
URL: <https://ctan.org/pkg/richtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
- *The rmannot package. Create rich media annotations in a PDF file.* 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/rmannot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rmannot>
- *The Robot Man package. A fun demo of AcroTeX eDucation Bundle facilities.* 2017-04-18. LICENSE: lppl. Robot man is distributed as part of the bundle (just for fun); the source is attached to the PDF file.  
URL: <https://ctan.org/pkg/robot-man>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>

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URL: <https://ctan.org/pkg/tile-graphic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>
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URL: <https://ctan.org/pkg/xbmks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
- *The yt4pdf package*. Play YouTube videos in a PDF. 2020-07-30. LICENSE: lppl1  
URL: <https://ctan.org/pkg/yt4pdf>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/yt4pdf>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/har2nat>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>
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URL: <https://ctan.org/pkg/exercisebank>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
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URL: <https://ctan.org/pkg/handin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/handin>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/includerNw>
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URL: <https://ctan.org/pkg/tcltexed>  
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URL: <https://ctan.org/pkg/cassette>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerauxtheme>
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URL: <https://ctan.org/pkg/fp1>  
MIRROR: <https://mirror.ctan.org/fonts/fp1>

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URL: <https://ctan.org/pkg/callouts>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/callouts>
- Stuhrmann, Norbert. *The flacards package*. Generate flashcards for printing. 2016-06-24. Version 0.1.1b. LICENSE: gpl  
URL: <https://ctan.org/pkg/flacards>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flacards>
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URL: <https://ctan.org/pkg/stubs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stubs>
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URL: <https://ctan.org/pkg/ntabbing>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ntabbing>
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URL: <https://ctan.org/pkg/csvsimple>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csvsimple>
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URL: <https://ctan.org/pkg/genealogytree>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genealogytree>
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URL: <https://ctan.org/pkg/incgraph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/incgraph>
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URL: <https://ctan.org/pkg/mercatormap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mercatormap>
  - *The sanitize-umlaut package*. Sanitize umlauts for MakeIndex and pdfLaTeX. 2022-06-30. Version 1.2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/sanitize-umlaut>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sanitize-umlaut>
  - *The tcolorbox package*. Coloured boxes, for L<sup>A</sup>T<sub>E</sub>X examples and theorems, etc. 2022-06-24. Version 5.1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tcolorbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcolorbox>
  - *The tikzfill package*. TikZ libraries for filling with images and patterns. 2022-07-26. Version 1.0.0. LICENSE: lppl1.3. This is a collection of libraries which add further options to fill paths with images and patterns. The libraries comprise fillings with images from files and from pictures. Also, patterns of hexagons and of rhombi are provided.  
URL: <https://ctan.org/pkg/tikzfill>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzfill>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maker>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/fbs.bst>
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URL: <https://ctan.org/pkg/sbtex>  
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URL: <https://ctan.org/pkg/dmfonts>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/dmfonts>

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 URL: <https://ctan.org/pkg/hitreport>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hitreport>
- Sun, Zhonghao. *The tlmgr-intro-zh-cn package. A short tutorial on using tlmgr in Chinese*. 2021-05-06. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/tlmgr-intro-zh-cn>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/turabian>
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 URL: <https://ctan.org/pkg/kuvio>  
 MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/kuvio>
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 URL: <https://ctan.org/pkg/numname>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numname>
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 URL: <https://ctan.org/pkg/abbrevs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/achicago>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The achicago-bst package. Chicago Manual BibTeX style*. 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/achicago-bst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/alatex>  
 MIRROR: <https://mirror.ctan.org/macros/alatex/alatex-1.0>
  - *The attrib package. Attribution of block quotations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/attrib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The bits package. Sub-document environments in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
  - *The blkcntrl package. Block-element hooks in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/blkcntrl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The compsci package. Document (LaTeX) programming with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/compsci>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The dialogue package. Quote short scripted dialogue in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dialogue>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The drama package. Production-style stage script in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/drama>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
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 MIRROR: <https://mirror.ctan.org/support/frankenbundle>
- Swift, Matt. *The frankenstein package. A collection of L<sup>A</sup>T<sub>E</sub>X packages*. 2016-06-24. LICENSE: collection. Frankenstein is a bundle of L<sup>A</sup>T<sub>E</sub>X packages serving various purposes and a BibTeX bibliography style. Descriptions are given under the individual packages:  
 , , , , , , , , , ,  
 URL: <https://ctan.org/pkg/frankenstein>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>

- *The frankenstein-unsupported package. Unsupported packages from the Frankenstein bundle.* 2020-03-09. LICENSE: collection. These packages were part of the original release of the bundle (under the name “monster”). The collection comprises:  
 URL: <https://ctan.org/pkg/frankenstein-unsupported>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- *The includex package. Extended \include.* 2016-06-24. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/includex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- *The lips package. Text ellipses in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 2.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lips>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The monster package. Obsolete name for Frankenstein.* 2016-06-24. LICENSE: gpl. This is an (obsolete) 8+3-compliant name for the bundle.  
 URL: <https://ctan.org/pkg/monster>
- *The moredefs package. L<sup>A</sup>T<sub>E</sub>X defining, expansion, and debugging commands.* 2016-06-24. Version 1.8. LICENSE: gpl  
 URL: <https://ctan.org/pkg/moredefs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The newclude package. Reimplemented \include system for L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/newclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The sl emph package. Slanted emphasis in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/sl emph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The swiftex package. Edit doc.sty and normal L<sup>A</sup>T<sub>E</sub>X files with GNU Emacs.* 2016-06-24. Version 1.35. LICENSE: gpl. DocTeX mode is for editing buffers containing self-documenting L<sup>A</sup>T<sub>E</sub>X code that uses the package, including the document class. DocTeX mode was designed to be significantly more useful than the alternatives provided by standard Emacs and (AUC T<sub>E</sub>X has since caught up in this regard). SwifTeX mode is for editing buffers containing normal L<sup>A</sup>T<sub>E</sub>X files and provides an alternative to the L<sup>A</sup>T<sub>E</sub>X modes in the standard Emacs distribution and in .  
 URL: <https://ctan.org/pkg/swiftex>  
 MIRROR: <https://mirror.ctan.org/support/emacs-modes/swiftex>
- *The titles package. Titles of books, articles, etc. in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X package defining macros that typeset the titles of books, journals, etc. and handle following spacing and punctuation intelligently, based on context. Useful for bibliographic databases and any document. Also includes other markup like , , , etc.  
 URL: <https://ctan.org/pkg/titles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/relsize>  
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 URL: <https://ctan.org/pkg/aboensis>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foliono>
- *The missaali package. A late medieval OpenType textura font.* 2021-12-10. Version 2.0. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/missaali>  
 MIRROR: <https://mirror.ctan.org/fonts/missaali>



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 URL: <https://ctan.org/pkg/asana-math>  
 MIRROR: <https://mirror.ctan.org/fonts/Asana-Math>
- *The bib-greek package. A BibTeX style for Greek documents*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bib-greek>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
  - *The epiolmec package. Typesetting the Epi-Olmec Language*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/epiolmec>  
 MIRROR: <https://mirror.ctan.org/language/epiolmec>
  - *The frederika2016 package. An OpenType Greek calligraphy font*. 2016-09-28. Version 1.000 2016 initial release. LICENSE: ofl  
 URL: <https://ctan.org/pkg/frederika2016>  
 MIRROR: <https://mirror.ctan.org/fonts/frederika2016>
  - *The greek-makeindex package. Makeindex working with Greek*. 2016-06-24. Version 2.0. LICENSE: other-free. is resolutely stuck with Latin-based alphabets, so will not deal with Greek indexes, unaided. This package provides a Perl script that will transmute the index of a Greek document in such a way that makeindex will sort the entries according to the rules of the Greek alphabet.  
 URL: <https://ctan.org/pkg/greek-makeindex>  
 MIRROR: <https://mirror.ctan.org/language/greek/mkgrindex>
  - *The grnumalt package. Ancient Greek (Athenian) numbers*. 2019-06-21. Version 1.1. LICENSE: other-nonfree. The package implements a numbering system that was used in ancient Athens, producing the ‘Athenian’ numeral for any positive number. The package’s command can (in principle) be used to provide alternative typeset display of the value of counters.  
 URL: <https://ctan.org/pkg/grnumalt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grnumalt>
  - *The grtimes package. Typeset Greek text with Times New Roman Greek*. 2019-06-21. Version 1.0. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/grtimes>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/grtimes>
  - *The grverb package. Typesetting Greek verbatim*. 2019-06-21. Version 1.0. LICENSE: other-nonfree. The package provides verbatim typesetting, in the context of the Greek option in . The package uses the public domain font, and the font itself (in Type 1 format), metrics and a font map entry for its use are provided.  
 URL: <https://ctan.org/pkg/grverb>  
 MIRROR: <https://mirror.ctan.org/language/greek/grverb>
  - *The hellas package. Typeset bibliographies which include Greek*. 2016-06-24. LICENSE: other-free. Hellas is a BibTeX style, based on the standard plain style, for typesetting databases that containing both Greek and non-Greek bibliographic records. For most bibliographic record types there is an equivalent record type whose name begins with the prefix . These records may have fields and in addition to the fields one might expect in a standard BibTeX record.  
 URL: <https://ctan.org/pkg/hellas>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
  - *The linearA package. Linear A script fonts*. 2022-04-29. LICENSE: lppl  
 URL: <https://ctan.org/pkg/linearA>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/linearA>
  - *The mf2pt3 package. Create Adobe Type 3 fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mf2pt3>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2pt3>
  - *The multibbl package. Multiple bibliographies*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/multibbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
  - *The ocherokee package. L<sup>A</sup>T<sub>E</sub>X Support for the Cherokee language*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ocherokee>  
 MIRROR: <https://mirror.ctan.org/language/ Cherokee/ocherokee>
- Syropoulos, Apostolos. *The oinuit package. L<sup>A</sup>T<sub>E</sub>X Support for the Inuktitut Language*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/oinuit>  
 MIRROR: <https://mirror.ctan.org/language/inuktitut/oinuit>
- *The phaistos package. Disk of Phaistos font*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phaistos>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/phaistos>

- *The staves package*. Typeset Icelandic staves and runic letters. 2016-06-24. LICENSE: lpl  
 URL: <https://ctan.org/pkg/staves>  
 MIRROR: <https://mirror.ctan.org/language/staves>
- *The svrsymbols package*. A font with symbols for use in physics texts. 2019-02-12. Version 2.0b. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/svrsymbols>  
 MIRROR: <https://mirror.ctan.org/fonts/svrsymbols>
- *The umtypewriter package*. Fonts to typeset with the xgreek package. 2022-09-18. Version 1.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/umtypewriter>  
 MIRROR: <https://mirror.ctan.org/fonts/umtypewriter>
- *The xexchangebar package*. An extension of package changebar that can be used with  $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ . 2019-11-14. Version 1.0. LICENSE: lpl1.3.  
 The package extends package so it can be used with  $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ . It introduces the new option for use with  $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ . Everything else remains the same and users should consult the original documentation for usage information.  
 URL: <https://ctan.org/pkg/xexchangebar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
- *The xecyrmongolian package*. Basic support for the typesetting of Cyrillic Mongolian documents using (Xe/Lua)LaTeX. 2019-12-21. Version 1.0. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/xecyrmongolian>  
 MIRROR: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>
- *The xesoul package*. Use the soul package with  $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ . 2021-04-08. Version 1.0. LICENSE: lpl1.3c. This package allows the use of the package (hyphenation within letterspacing, underlining and others) with  $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$ .  
 URL: <https://ctan.org/pkg/xesoul>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xesoul>
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 URL: <https://ctan.org/pkg/xetex-greek>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>
- *The xgreek package*. Greek Language Support for  $X_{\text{E}}\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  and LuaLaTeX. 2022-09-05. Version 3.2.0. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/xgreek>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xgreek>
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 URL: <https://ctan.org/pkg/xespotcolor>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xespotcolor>
- Syropoulos, Apostolos, Dimitrios Filippou, and Günter Milde. *The greek-inputenc package*. Greek encoding support for inputenc. 2019-07-11. Version 1.7. LICENSE: lpl1.3. The bundle provides UTF-8, Macintosh Greek encoding and ISO 8859-7 definition files for use with .  
 URL: <https://ctan.org/pkg/greek-inputenc>  
 MIRROR: <https://mirror.ctan.org/language/greek/greek-inputenc>
- Syropoulos, Apostolos and Ioannis Gamvetas. *The philokalia package*. A font to typeset the Philokalia Books. 2018-01-06. Version 1.2. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/philokalia>  
 MIRROR: <https://mirror.ctan.org/fonts/philokalia>
- Syropoulos, Apostolos and Philip Kime. *The biber-solaris package*. Biber binaries for Solaris. 2022-07-08. Version 2.18. LICENSE: artistic2  
 URL: <https://ctan.org/pkg/biber-solaris>  
 MIRROR: <https://mirror.ctan.org/biblio/biber/biber-solaris>
- Syropoulos, Apostolos, Javier Bezos López, Johannes L. Braams, and Günter Milde. *The babel-greek package*. Babel support for documents written in Greek. 2020-11-10. Version 1.10. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/babel-greek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/greek>
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 URL: <https://ctan.org/pkg/ascii-font>  
 MIRROR: <https://mirror.ctan.org/fonts/ascii>
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 URL: <https://ctan.org/pkg/decimal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/decimal>

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 URL: <https://ctan.org/pkg/mathspic>  
 MIRROR: <https://mirror.ctan.org/graphics/mathspic>
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 URL: <https://ctan.org/pkg/elmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elmath>
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 URL: <https://ctan.org/pkg/a2ping>  
 MIRROR: <https://mirror.ctan.org/graphics/a2ping>
- *The anyfontsize package*. Select any font size in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/anyfontsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anyfontsize>
- *The babel-hungarian package*. Babel support for Hungarian (Magyar). 2019-01-14. Version 1.5c. LICENSE: lppl. The package provides a language definition file that enables support of Magyar (Hungarian) with .  
 URL: <https://ctan.org/pkg/babel-hungarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hungarian>
- *The examplep package*. Verbatim phrases and listings in L<sup>A</sup>T<sub>E</sub>X. 2020-05-09. Version 0.04. LICENSE: gpl  
 URL: <https://ctan.org/pkg/examplep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examplep>
- *The graphicp package*. An enhanced version of graphics. 2016-06-24. Version 0.12. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/graphicp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/graphicp>
- *The latex-uni8 package*. Universal inputenc, fontenc, and babel for pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX. 2019-01-20. Version 0.03. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X style file which makes it easy to use input encoding (UTF-8 by default, can be changed), (optional), (T1 if is not used), (English language by default), hyphenation, underline (with ), default text and math fonts (Computer Modern or Times), and paper sizes correctly with both pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX.  
 URL: <https://ctan.org/pkg/latex-uni8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latex-uni8>
- *The sam2p package*. Convert bitmap formats to compact PS/PDF. 2021-09-15. Version 0.49.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/sam2p>  
 MIRROR: <https://mirror.ctan.org/graphics/sam2p>
- *The tt2001 package*. Type 1 EC fonts generated by T<sub>E</sub>Xtrace. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tt2001>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/tt2001>
- Takato, Setsuo. *The ketcindy package*. Creating graphics for T<sub>E</sub>X using Cinderella. 2021-03-10. Version 20191225.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/ketcindy>  
 MIRROR: <https://mirror.ctan.org/graphics/ketcindy>
- Takeda, Shiro. *The econ-bst package*. BibT<sub>E</sub>X style for economics papers. 2022-01-05. Version 3.1.1. LICENSE: lppl1.3. This is a BibT<sub>E</sub>X style file for papers in economics. It provides the following features:  
 URL: <https://ctan.org/pkg/econ-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/econ-bst>
- Talbot, Nicola. *The bib2gls package*. Command line application to convert .bib files to glossaries-extra.sty resource files. 2022-11-25. Version 3.2. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/bib2gls>  
 MIRROR: <https://mirror.ctan.org/support/bib2gls>
- Talbot, Nicola. *The csvtools package*. Reading data from CSV files. 2016-06-24. Version 1.24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/csvtools>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>
- *The datatool package*. Tools to load and manipulate data. 2019-09-27. Version 2.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datatool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool>

- *The datatooltk package*. A Java GUI for preparing datatool input. 2018-07-06. Version 1.9. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/datatooltk>  
MIRROR: <https://mirror.ctan.org/support/datatooltk>
- *The datetime package*. Change format of \today with commands for current time. 2016-06-24. Version 2.60. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
- *The datetime2 package*. Formats for dates, times and time zones. 2021-03-21. Version 1.5.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2>
- *The datetime2-bahasai package*. Bahasai language module for the datetime2 package. 2018-01-10. Version 1.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-bahasai>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bahasai>
- *The datetime2-breton package*. Breton language module for the datetime2 package. 2019-11-05. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-breton>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-breton>
- *The datetime2-bulgarian package*. Bulgarian language module for the datetime2 package. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-bulgarian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bulgarian>
- *The datetime2-catalan package*. Catalan language module for the datetime2 package. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-catalan>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-catalan>
- *The datetime2-czech package*. Czech language module for the datetime2 package. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-czech>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-czech>
- *The datetime2-danish package*. Danish language module for the datetime2 package. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-danish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-danish>
- *The datetime2-dutch package*. Dutch language module for the datetime2 package. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-dutch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>
- *The datetime2-en-fulltext package*. English Full Text styles for the datetime2 package. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-en-fulltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>
- *The datetime2-english package*. English language module for the datetime2 package. 2019-10-21. Version 1.05. LICENSE: lppl1.3.  
This module provides the following styles that can be set using provided by . The region not only determines the date/time format but also the time zone abbreviations if the zone mapping setting is on.  
URL: <https://ctan.org/pkg/datetime2-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-english>
- *The datetime2-esperanto package*. Esperanto language module for the datetime2 package. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-esperanto>
- *The datetime2-estonian package*. Estonian language module for the datetime2 package. 2018-04-13. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-estonian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-estonian>
- *The datetime2-galician package*. Galician language module for the datetime2 package. 2018-01-07. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-galician>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-galician>
- Talbot, Nicola. *The datetime2-greek package*. Greek language module for the datetime2 package. 2018-04-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-greek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-greek>
- *The datetime2-hebrew package*. Hebrew language module for the datetime2 package. 2018-04-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-hebrew>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-hebrew>



- *The datetime2-icelandic package. Icelandic language module for the datetime2 package.* 2018-04-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-icelandic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-icelandic>
- *The datetime2-irish package. Irish Gaelic Language Module for the datetime2 Package.* 2018-04-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>
- *The datetime2-latin package. Latin language module for the datetime2 package.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-latin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-latin>
- *The datetime2-lsorbian package. Lower Sorbian language module for the datetime2 package.* 2018-05-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-lsorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-lsorbian>
- *The datetime2-magyar package. Magyar language module for the datetime2 package.* 2018-07-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-magyar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-magyar>
- *The datetime2-norsk package. Norsk language module for the datetime2 package.* 2018-07-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
- *The datetime2-polish package. Polish language module for the datetime2 package.* 2018-08-21. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-polish>
- *The datetime2-portuges package. Portuguese language module for the datetime2 package.* 2018-08-21. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-portuges>
- *The datetime2-russian package. Russian language module for the datetime2 package.* 2018-12-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-russian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-russian>
- *The datetime2-samin package. Northern Sami language module for the datetime2 package.* 2018-12-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-samin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-samin>
- *The datetime2-scottish package. Scottish Gaelic Language Module for the datetime2 Package.* 2019-09-14. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-scottish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-scottish>
- *The datetime2-slovak package. Slovak language module for the datetime2 package.* 2019-10-04. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovak>
- *The datetime2-slovene package. Slovene language module for the datetime2 package.* 2019-10-04. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-slovene>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovene>
- *The datetime2-spanish package. Spanish language module for the datetime2 package.* 2017-11-13. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-spanish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-spanish>
- *The datetime2-swedish package. Swedish language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-swedish>
- Talbot, Nicola. *The datetime2-turkish package. Turkish language module for the datetime2 package.* 2019-10-10. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-turkish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-turkish>
- *The datetime2-usorbian package. Upper Sorbian language module for the datetime2 package.* 2019-10-10. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-usorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-usorbian>



- *The datetime2-welsh package.* Welsh language module for the *datetime2* package. 2019-10-28. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-welsh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>
- *The dickimaw package.* Books and tutorials from the “Dickimaw L<sup>A</sup>T<sub>E</sub>X Series”. 2017-04-18. LICENSE: fdl  
URL: <https://ctan.org/pkg/dickimaw>  
MIRROR: <https://mirror.ctan.org/info/dickimaw>
- *The doipubmed package.* Special commands for use in bibliographies. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides the commands `, and .` These commands are primarily designed for use in bibliographies. A L<sup>A</sup>T<sub>E</sub>X2HTML style file is also provided.  
URL: <https://ctan.org/pkg/doipubmed>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>
- *The flowfram package.* Create text frames for posters, brochures or magazines. 2016-06-24. Version 1.17. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/flowfram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flowfram>
- *The FlowframTk package.* Vector graphics application with support for *flowfram.sty*. 2019-07-18. Version 0.8.4. LICENSE: gpl  
URL: <https://ctan.org/pkg/flowframtk>  
MIRROR: <https://mirror.ctan.org/graphics/flowframtk>
- *The glossaries package.* Create glossaries and lists of acronyms. 2022-11-03. Version 4.52. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/glossaries>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
- *The glossaries-accsupp package.* Accessibility support for glossaries. 2020-02-15. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/glossaries-accsupp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
- *The glossaries-danish package.* Danish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Danish language module for package.  
URL: <https://ctan.org/pkg/glossaries-danish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-danish>
- *The glossaries-dutch package.* Dutch language module for glossaries package. 2016-06-24. Version 1.1. LICENSE: lppl1.3. Dutch language module for package.  
URL: <https://ctan.org/pkg/glossaries-dutch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-dutch>
- *The glossaries-english package.* English language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. English language module for package.  
URL: <https://ctan.org/pkg/glossaries-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
- *The glossaries-extra package.* An extension to the glossaries package. 2022-11-09. Version 1.50. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/glossaries-extra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
- *The glossaries-german package.* German language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. German language module for the package.  
URL: <https://ctan.org/pkg/glossaries-german>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-german>
- *The glossaries-irish package.* Irish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Irish language module for package.  
URL: <https://ctan.org/pkg/glossaries-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-irish>
- *The glossaries-italian package.* Italian language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Italian language module for package.  
URL: <https://ctan.org/pkg/glossaries-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-italian>
- Talbot, Nicola. *The glossaries-magyar package.* Magyar language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Magyar language module for package.  
URL: <https://ctan.org/pkg/glossaries-magyar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-magyar>
- *The glossaries-polish package.* Polish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Polish language module for the package.

- URL: <https://ctan.org/pkg/glossaries-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-polish>
- *The glossaries-portuges package.* Portuges language module for glossaries package. 2016-06-24. Version 1.1. LICENSE: lppl1.3. Portuges language module for package.  
URL: <https://ctan.org/pkg/glossaries-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>
  - *The glossaries-serbian package.* Serbian language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Serbian language module for package.  
URL: <https://ctan.org/pkg/glossaries-serbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-serbian>
  - *The glossaries-spanish package.* Spanish language module for glossaries package. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Spanish language module for package.  
URL: <https://ctan.org/pkg/glossaries-spanish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>
  - *The glossary package.* Create a glossary. 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/glossary>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package.* A Java interface to Ghostscript to convert PDF to PDF/X. 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript's setting, which is analogous to Acrobat Distiller's "Prepress Optimized" setting.  
URL: <https://ctan.org/pkg/jmakepdfx>  
MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
  - *The jmlr package.* Class files for the Journal of Machine Learning Research. 2022-02-09. Version 1.30. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/jmlr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
  - *The MakeGlossariesGUI package.* Java GUI alternative to makeglossaries script. 2020-03-10. Version 2.2. LICENSE: gpl3. The package provides a Java GUI alternative to the makeglossaries Perl script (supplied by the package). The package was designed for people who don't want to use the command prompt but can't get their editor to run makeglossaries. It can also be used as a diagnostic tool when there are problems with the document glossaries.  
URL: <https://ctan.org/pkg/makeglossariesgui>  
MIRROR: <https://mirror.ctan.org/support/makeglossariesgui>
  - *The mfirstuc package.* Uppercase the first letter of a word. 2022-10-18. Version 2.08. LICENSE: lppl1.3. The package provides commands that uppercases the first letter in its argument (with a check for a semantic markup command at the start of the argument), and xmakefirstuc which expands the argument before uppercasing. It also provides which applies to each word in the , where the words are separated by regular spaces. (Exceptions can be made for words that shouldn't be converted.)  
URL: <https://ctan.org/pkg/mfirstuc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mfirstuc>
  - *The nlctdoc package.* Package documentation class. 2022-10-14. Version 1.08. LICENSE: lppl  
URL: <https://ctan.org/pkg/nlctdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>
  - *The pressrelease package.* A class for typesetting press releases. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pressrelease>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pressrelease>
  - *The probsoln package.* Generate problem sheets and their solution sheets. 2017-07-10. Version 3.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/probsoln>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/probsoln>
  - *The quotmark package.* Consistent quote marks. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/quotmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quotmark>
- Talbot, Nicola. *The testidx package.* Dummy text for testing index styles and indexing applications. 2019-09-29. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/testidx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testidx>
- *The tex-locale package.* Localisation support for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X documents. 2018-08-28. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tex-locale>  
MIRROR: <https://mirror.ctan.org/macros/generic/tex-locale>

- *The texosquery package. Cross-platform Java application to query OS information.* 2020-02-04. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/texosquery>  
MIRROR: <https://mirror.ctan.org/support/texosquery>
- *The tracklang package. Language and dialect tracker.* 2022-10-30. Version 1.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tracklang>  
MIRROR: <https://mirror.ctan.org/macros/generic/tracklang>
- *The venndiagram package. Creating Venn diagrams with TikZ.* 2018-06-07. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/venndiagram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/venndiagram>
- *The xfor package. A reimplement of the L<sup>A</sup>T<sub>E</sub>X for-loop macro.* 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X internal macro so that the loop may be prematurely terminated. The action is akin to the C/Java statement, except that the loop does not terminate until the end of the current iteration  
URL: <https://ctan.org/pkg/xfor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfor>
- Talbot, Nicola and Vincent Belaïche. *The fmtcount package. Display the value of a L<sup>A</sup>T<sub>E</sub>X counter in a variety of formats.* 2020-07-05. Version 3.07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fmtcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fmtcount>
- *The makedtx package. Perl script to help generate dtx and ins files.* 2018-02-21. Version 1.2. LICENSE: lppl. The makedtx bundle is provided to help L<sup>A</sup>T<sub>E</sub>X2e developers to write the code and documentation in separate files, and then combine them into a single file for distribution. It automatically generates the character table, and also writes the associated installation () script.  
URL: <https://ctan.org/pkg/makedtx>  
MIRROR: <https://mirror.ctan.org/support/makedtx>
- Talbot, Nicola, Denis Bitouzé, and Vincent Belaïche. *The glossaries-french package. French language module for glossaries package.* 2017-01-04. Version 1.1. LICENSE: lppl1.3. French language module for package.  
URL: <https://ctan.org/pkg/glossaries-french>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-french>
- Talbot, Nicola and Claudio Duchi. *The datetime2-italian package. Italian language module for the datetime2 package.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. This module provides the “italian” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-italian>
- Talbot, Nicola and Sebastian Friedl. *The datetime2-german package. German language module for the datetime2 package.* 2019-12-13. Version 3.0. LICENSE: lppl1.3c. This module provides the “german” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-german>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-german>
- Talbot, Nicola and Zunbeltz Izaola. *The datetime2-basque package. Basque language module for the datetime2 package.* 2018-03-21. Version 1.2a. LICENSE: lppl1.3. This module provides the “basque” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-basque>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-basque>
- Talbot, Nicola and Ivan Kokan. *The datetime2-croatian package. Croatian language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3. This module provides the “croatian” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-croatian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-croatian>
- Talbot, Nicola and Paul A. Patience. *The datetime2-french package. French language module for the datetime2 package.* 2020-09-21. Version 1.03. LICENSE: lppl1.3. This module provides the “french” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-french>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-french>
- *The datetime2-romanian package. Romanian language module for the datetime2 package.* 2020-09-21. Version 1.02. LICENSE: lppl1.3. This module provides the “romanian” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-romanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-romanian>
- Talbot, Nicola and Sergiy M. Ponomarenko. *The datetime2-ukrainian package. Ukrainian language module for the datetime2 package.* 2018-04-15. Version 1.2a. LICENSE: lppl1.3. This module provides the “ukrainian” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-ukrainian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-ukrainian>

- Talbot, Nicola and Andrej Radović. *The datetime2-serbian package. Serbian language module for the datetime2 package*. 2019-11-22. Version 2.1.0. LICENSE: lppl1.3. This module provides the “serbian” style that can be set using provided by . It provides both Cyrillic and Latin, Ekavian and Ijekavian variants of Serbian date formats, regionalized and non-regionalized.  
 URL: <https://ctan.org/pkg/datetime2-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-serbian>
- Talbot, Nicola and Maïeul Rouquette. *The bibleref package. Format bible citations*. 2020-06-22. Version 1.25. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bibleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref>
- Tanaka, Takuji. *The convbkmk package. Correct platex/uplatex bookmarks in PDF created with hyperref*. 2018-11-25. Version 0.30. LICENSE: mit. The package provides a small script that corrects bookmarks in PDF files created by /, using .  
 URL: <https://ctan.org/pkg/convbkmk>  
 MIRROR: <https://mirror.ctan.org/support/convbkmk>
- *The upmendex package. Multilingual index processor*. 2021-11-21. Version 1.00. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/upmendex>  
 MIRROR: <https://mirror.ctan.org/indexing/upmendex>
  - *The uptex package. Unicode version of pTeX*. 2020-08-30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/uptex>
- Tanaka, Takuji, Norbert Preining, and Japanese T<sub>E</sub>X Development Community. *The japanese-otf-uptex package. Support for Japanese OTF files in upLaTeX*. 2022-08-01. LICENSE: bsd3. This bundle has been merged into .  
 URL: <https://ctan.org/pkg/japanese-otf-uptex>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/japanese-otf>
- Tanbakuchi, Anthony A. *The FigSize package. Auto-size graphics*. 2016-06-24. Version 0.1. LICENSE: lppl. The FigSize package enables automatic sizing of graphics, especially when including graphics with the package. The user only has to specify the number of graphics that should fit to a page or fraction thereof and the package will dynamically calculate the correct graphics sizes relative to the page size. Thus, graphics can be auto-sized to fill a whole page or fraction and manual changes of graphic sizes are never needed when changing document layouts. Finally, the package’s dynamic lengths can be used to allow other document element sizes to be dynamic.  
 URL: <https://ctan.org/pkg/figsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/figsize>
- *The plates package. Arrange for “plates” sections of documents*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/plates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/plates>
- Tantau, Till. *The pgfkeys package. Key value control for PGF*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pgfkeys>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/base>
- Tartir, Jamal K. *The jlabels package. Make letter-sized pages of labels*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jlabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jlabels>
- Tatlock, Benjamin. *The bropd package. Simplified brackets and differentials in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bropd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bropd>
- Tatsuta, Makoto. *The LKproof package. LK Proof figure macros*. 2018-02-03. Version 3.1. LICENSE: gpl. The package defines a pair of commands and , that are used in constructing LK proof diagrams.  
 URL: <https://ctan.org/pkg/lkproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lkproof>
- Taupin, Daniel. *The cmfrak package. Reencoded versions of Haralambous fraktur fonts*. 2016-07-29. Version 1.0. LICENSE: noinfo. Metafont sources to enable Haralambous’s font to be built in a CM-like encoding () or a “DC-like” encoding (effectively, L<sup>A</sup>T<sub>E</sub>X T1: ).  
 URL: <https://ctan.org/pkg/cmfrak>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/cmfrak>
- Taupin, Daniel. *The ec-plain package. Use EC fonts in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ec-plain>  
 MIRROR: <https://mirror.ctan.org/macros/ec-plain>



- *The hyphen-accent package*. L<sup>A</sup>T<sub>E</sub>X 2.09 code for using DC fonts. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hyphen-accent>  
 MIRROR: <https://mirror.ctan.org/language/hyphen-accent>
  - *The musictex package*. Typesetting music with T<sub>E</sub>X. 2019-06-21. Version 5.20. LICENSE: noinfo. MusicTeX is a set of macros, that first demonstrated the technique of simultaneous two-dimensional typesetting as applied to music. MusicTeX has its shortcomings (notably in the area of slurs), and is now largely superseded by .  
 URL: <https://ctan.org/pkg/musictex>  
 MIRROR: <https://mirror.ctan.org/macros/musictex>
  - *The smallcap package*. Promote small caps to a font family, so NFSS can deal with different shapes. 2016-06-24. LICENSE: noinfo. A set of files that uses the fonts available in version 1.3 of the DC fonts to provide support for all 4 shapes of small caps. SC becomes a family, rather than a shape ( is replaced by ). Thus you can write to get small caps bold slanted.  
 URL: <https://ctan.org/pkg/smallcap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smallcap>
  - *The varsects package*. A simple package for controlling headings. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/varsects>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/taupin/varsects.sty>
- Taylor, Laurence R. *The bubblesort package*. Bubble sorts a list. 2020-07-29. Version 1.0. LICENSE: lppl1.3c. This package sorts a list of T<sub>E</sub>X items in "increasing" order where "increasing" is determined by a comparator macro. By default it sorts real numbers with the usual meaning of "increasing" but some other examples are discussed in the documentation. A second macro is included which sorts one list and applies the same permutation to a second list.  
 URL: <https://ctan.org/pkg/bubblesort>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bubblesort>
- *The csvmerge package*. Merge T<sub>E</sub>X code with csv data. 2019-08-14. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/csvmerge>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csvmerge>
- Taylor, Paul. *The proofs package*. Macros for building proof trees. 2019-06-21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/proofs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/proofs/taylor>
- *The qed package*. Produce an "end-of-proof" mark. 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/qed>  
 MIRROR: <https://mirror.ctan.org/macros/generic/proofs/taylor/QED.sty>
  - *The taylor package*. Macros for category-theoretic diagrams. 2016-06-24. Version 3.93. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/taylor>  
 MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/taylor>
- Taylor, Philip. *The cropmarks-pt package*. Philip Taylor's cropmarks macros. 2016-06-24. Version 1.4. LICENSE: other-free. The package permits the user to specify cropmarks in terms of a number of dimension variables. The marks themselves are applied in a subverted command.  
 URL: <https://ctan.org/pkg/cropmarks-pt>  
 MIRROR: [https://mirror.ctan.org/macros/generic/misc/CropMarks\\_pt.tex](https://mirror.ctan.org/macros/generic/misc/CropMarks_pt.tex)
- *The cropmrks package*. Add crop marks to a Plain T<sub>E</sub>X document. 2016-06-24. Version 1.5. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cropmrks>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cropmrks.tex>
  - *The letterspacing package*. Letter spacing. 2020-04-11. LICENSE: knuth  
 URL: <https://ctan.org/pkg/letterspacing>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/letterspacing.tex>
  - *The path package*. Typeset paths, making them breakable. 2016-06-24. Version 3.05. LICENSE: other-free. Defines a macro , similar to the L<sup>A</sup>T<sub>E</sub>X , that sets the text in typewriter font and allows hyphen-less breaks at punctuation characters. The set of characters to be regarded as punctuation may be changed from the package's default.  
 URL: <https://ctan.org/pkg/path>  
 MIRROR: <https://mirror.ctan.org/macros/generic/path>
- Taylor, Philip. *The settosize package*. Scale text to given width. 2019-10-03. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/settosize>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/settosize.tex>
- *The trigonometry package*. Demonstration code for cos and sin in T<sub>E</sub>X macros. 2017-01-24. LICENSE: knuth  
 URL: <https://ctan.org/pkg/trigonometry>  
 MIRROR: <https://mirror.ctan.org/macros/generic/trigonometry>



- *The verbatim-gen package. Generic macros for setting text verbatim.* 2020-04-11. LICENSE: noinfo. Defines a verbatim ‘environment’ — one types . “Short-form” versions used as or are provided for small chunks of text.  
URL: <https://ctan.org/pkg/verbatim-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/verbatim.tex>
- Team Robocracy. *The ftc-notebook package. Typeset FIRST Tech Challenge (FTC) notebooks.* 2019-02-17. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ftc-notebook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftc-notebook>
- Teegen, Maximilian. *The letterswitharrows package. Draw arrows over math letters.* 2021-07-19. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/letterswitharrows>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letterswitharrows>
- Tellechea, Christian. *The apprendre-a-programmer-en-tex package. The book “Apprendre à programmer en T<sub>E</sub>X”.* 2020-12-20. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/apprendre-a-programmer-en-tex>  
MIRROR: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>
- *The autoalign package. Align terms and members in math expressions.* 2020-11-19. Version 1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/autoalign>  
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URL: <https://ctan.org/pkg/chemfig>  
MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
- *The dijkstra package. Dijkstra algorithm for L<sup>A</sup>T<sub>E</sub>X.* 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dijkstra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>
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URL: <https://ctan.org/pkg/hlist>  
MIRROR: <https://mirror.ctan.org/macros/generic/hlist>
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URL: <https://ctan.org/pkg/scratch3>  
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URL: <https://ctan.org/pkg/simplekv>  
MIRROR: <https://mirror.ctan.org/macros/generic/simplekv>
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URL: <https://ctan.org/pkg/accanthis>  
MIRROR: <https://mirror.ctan.org/fonts/accanthis>

- *The alegreya package.* Alegreya fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-14. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/alegreya>  
MIRROR: <https://mirror.ctan.org/fonts/alegreya>
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URL: <https://ctan.org/pkg/alkalami>  
MIRROR: <https://mirror.ctan.org/fonts/alkalami>
- *The almdra package.* Almdra fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-28. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/almdra>  
MIRROR: <https://mirror.ctan.org/fonts/almdra>
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URL: <https://ctan.org/pkg/andika>  
MIRROR: <https://mirror.ctan.org/fonts/andika>
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URL: <https://ctan.org/pkg/arimo>  
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- *The atkinson package.* Support for the Atkinson Hyperlegible family of fonts. 2022-09-14. LICENSE: lppl,other-free  
URL: <https://ctan.org/pkg/atkinson>  
MIRROR: <https://mirror.ctan.org/fonts/atkinson>
- *The autosp package.* A Preprocessor that generates note-spacing commands for MusiX<sub>T</sub>E<sub>X</sub> scores. 2021-01-07. LICENSE: gpl2+  
URL: <https://ctan.org/pkg/autosp>  
MIRROR: <https://mirror.ctan.org/support/autosp>
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URL: <https://ctan.org/pkg/biolinum-type1>  
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URL: <https://ctan.org/pkg/bitter>  
MIRROR: <https://mirror.ctan.org/fonts/bitter>
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URL: <https://ctan.org/pkg/cabin>  
MIRROR: <https://mirror.ctan.org/fonts/cabin>
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URL: <https://ctan.org/pkg/caladea>  
MIRROR: <https://mirror.ctan.org/fonts/caladea>
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URL: <https://ctan.org/pkg/carlito>  
MIRROR: <https://mirror.ctan.org/fonts/carlito>
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MIRROR: <https://mirror.ctan.org/fonts/charissil>
- *The cinzel package.* L<sup>A</sup>T<sub>E</sub>X support for Cinzel and Cinzel Decorative fonts. 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama ), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package’s L<sup>A</sup>T<sub>E</sub>X support.  
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MIRROR: <https://mirror.ctan.org/fonts/cinzel>
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URL: <https://ctan.org/pkg/classico>  
MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
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URL: <https://ctan.org/pkg/clearsans>  
MIRROR: <https://mirror.ctan.org/fonts/clearsans>
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URL: <https://ctan.org/pkg/coelacanth>  
MIRROR: <https://mirror.ctan.org/fonts/coelacanth>
- *The cooperhewitt package.* La<sub>T</sub>E<sub>X</sub>, pdfLa<sub>T</sub>E<sub>X</sub>, Xe<sub>L</sub>A<sub>T</sub>E<sub>X</sub> and LuaL<sup>A</sup>T<sub>E</sub>X support for the Cooper Hewitt family of sans serif fonts. 2022-11-03. LICENSE: ofl,lppl

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MIRROR: <https://mirror.ctan.org/fonts/cooperhewitt>
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MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>
  - *The crimson package. Crimson fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-30. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/crimson>  
MIRROR: <https://mirror.ctan.org/fonts/crimson>
  - *The CrimsonPro package. CrimsonPro fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-30. LICENSE: ofl,lppl. The CrimsonPro fonts are designed by Jacques Le Bailly and derived from the designed by Sebastian Kosch. The family includes eight weights and italics for each weight.  
URL: <https://ctan.org/pkg/crimsonpro>  
MIRROR: <https://mirror.ctan.org/fonts/crimsonpro>
  - *The ebaramond package. L<sup>A</sup>T<sub>E</sub>X support for EB Garamond fonts.* 2022-09-11. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/ebaramond>  
MIRROR: <https://mirror.ctan.org/fonts/ebaramond>
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URL: <https://ctan.org/pkg/fira>  
MIRROR: <https://mirror.ctan.org/fonts/fira>
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URL: <https://ctan.org/pkg/forum>  
MIRROR: <https://mirror.ctan.org/fonts/forum>
  - *The gandhi package. Gandhi Serif and Sans fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-01. LICENSE: nosell,lppl  
URL: <https://ctan.org/pkg/gandhi>  
MIRROR: <https://mirror.ctan.org/fonts/gandhi>
  - *The gillius package. Gillius fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-30. LICENSE: gpl2+,lppl  
URL: <https://ctan.org/pkg/gillius>  
MIRROR: <https://mirror.ctan.org/fonts/gillius>
  - *The gofonts package. GoSans and GoMono fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-12. LICENSE: other-free,lppl  
URL: <https://ctan.org/pkg/gofonts>  
MIRROR: <https://mirror.ctan.org/fonts/gofonts>
  - *The ibarra package. L<sup>A</sup>T<sub>E</sub>X support for the Ibarra Real Nova family of fonts.* 2022-10-01. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/ibarra>  
MIRROR: <https://mirror.ctan.org/fonts/ibarra>
  - *The imfellEnglish package. IM Fell English fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-01. LICENSE: ofl  
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MIRROR: <https://mirror.ctan.org/fonts/imfellenglish>
  - *The imfellflowers package. IM Fell Flower OpenType fonts.* 2019-10-14. LICENSE: nosell  
URL: <https://ctan.org/pkg/imfellflowers>  
MIRROR: <https://mirror.ctan.org/fonts/imfellflowers>
  - *The josefin package. Josefin fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-01. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/josefin>  
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  - *The libertine package. Use of Linux Libertine and Biolinum fonts with L<sup>A</sup>T<sub>E</sub>X.* 2022-09-12. Version 5.3.0. LICENSE: gpl,ofl,lppl  
URL: <https://ctan.org/pkg/libertine>  
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  - *The libertine-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Libertine family of fonts.* 2016-06-24. Version 5.3.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/libertine-type1>  
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URL: <https://ctan.org/pkg/libertinus-type1>  
MIRROR: <https://mirror.ctan.org/fonts/libertinus-type1>

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URL: <https://ctan.org/pkg/librebaskerville>  
MIRROR: <https://mirror.ctan.org/fonts/librebaskerville>
  - *The librebodoni package. Libre Bodoni fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/librebodoni>  
MIRROR: <https://mirror.ctan.org/fonts/librebodoni>
  - *The librecaslon package. Libre Caslon fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/librecaslon>  
MIRROR: <https://mirror.ctan.org/fonts/librecaslon>
  - *The librefranklin package. L<sup>A</sup>T<sub>E</sub>X support for the Libre-Franklin family of fonts.* 2022-09-19. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/librefranklin>  
MIRROR: <https://mirror.ctan.org/fonts/librefranklin>
  - *The linguisticspro package. LinguisticsPro fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/linguisticspro>  
MIRROR: <https://mirror.ctan.org/fonts/linguisticspro>
  - *The lobster2 package. Lobster Two fonts, with support for all L<sup>A</sup>T<sub>E</sub>X engines.* 2022-09-19. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/lobster2>  
MIRROR: <https://mirror.ctan.org/fonts/lobster2>
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URL: <https://ctan.org/pkg/marcellus>  
MIRROR: <https://mirror.ctan.org/fonts/marcellus>
  - *The merriweather package. Merriweather and MerriweatherSans fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-20. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/merriweather>  
MIRROR: <https://mirror.ctan.org/fonts/merriweather>
  - *The mintspirit package. L<sup>A</sup>T<sub>E</sub>X support for MintSpirit font families.* 2022-09-22. LICENSE: ofl,lppl. The package provides , , and support for the MintSpirit and MintSpiritNo2 families of fonts, designed by Hirwen Harendal. MintSpirit was originally designed for use as a system font on a Linux Mint system. The No. 2 variant provides more conventional shapes for some glyphs.  
URL: <https://ctan.org/pkg/mintspirit>  
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  - *The musixtnt package. A MusiXTeX extension library that enables transformations of the effect of notes commands.* 2016-06-24. LICENSE: gpl2  
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  - *The noto package. Support for Noto fonts.* 2022-09-11. LICENSE: lppl,ofl  
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URL: <https://ctan.org/pkg/notocondensed>  
MIRROR: <https://mirror.ctan.org/fonts/notocondensed>
  - *The OldStandardT1 package. Type 1 versions of Old Standard fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2018-01-07. LICENSE: ofl  
URL: <https://ctan.org/pkg/oldstandardt1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/oldstandardt1>
  - *The overlock package. Overlock sans fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-23. LICENSE: ofl. The package provides the Overlock and OverlockSC families of fonts, designed by Dario Manuel Muhafara of the (<http://www.tipo.net.ar>), “rounded” sans-serif fonts in three weights (Regular, Bold, Black) with italic variants for each of them. There are also small-caps and old-style figures in the Regular weight.  
URL: <https://ctan.org/pkg/overlock>  
MIRROR: <https://mirror.ctan.org/fonts/overlock>
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MIRROR: <https://mirror.ctan.org/fonts/padauk>
  - *The playfair package*. Playfair Display fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-10-28. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/playfair>  
MIRROR: <https://mirror.ctan.org/fonts/playfair>
  - *The plex package*. Support for IBM Plex fonts. 2022-09-23. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/plex>  
MIRROR: <https://mirror.ctan.org/fonts/plex>
  - *The poiretone package*. PoiretOne family of fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-10-28. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/poiretone>  
MIRROR: <https://mirror.ctan.org/fonts/poiretone>
  - *The prerex package*. Interactive editor and macro support for prerequisite charts. 2021-11-20. LICENSE: gpl2,lppl  
URL: <https://ctan.org/pkg/prerex>  
MIRROR: <https://mirror.ctan.org/graphics/prerex>
  - *The quattroceto package*. Quattroceto and Quattroceto Sans fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-13. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/quattroceto>  
MIRROR: <https://mirror.ctan.org/fonts/quattroceto>
  - *The roboto package*. Support for the Roboto family of fonts. 2022-09-11. LICENSE: apache2,ofl,lppl  
URL: <https://ctan.org/pkg/roboto>  
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URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux>  
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URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-6>  
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  - *The theanodidot package*. TheanoDidot fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-26. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/theanodidot>  
MIRROR: <https://mirror.ctan.org/fonts/theanodidot>
  - *The theanomodern package*. Theano Modern fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-26. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/theanomodern>  
MIRROR: <https://mirror.ctan.org/fonts/theanomodern>
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URL: <https://ctan.org/pkg/theanooldstyle>  
MIRROR: <https://mirror.ctan.org/fonts/theanooldstyle>
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URL: <https://ctan.org/pkg/tinos>  
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URL: <https://ctan.org/pkg/tlmgrbasics>  
MIRROR: <https://mirror.ctan.org/info/tlmgrbasics>



- *The universalis package. Universalis font, with support.* 2022-09-25. LICENSE: gpl2+,lppl  
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- The latex-amsmath-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X amsmath bundle. 2022-11-02. Version 2023-05-01 pre-release 0. LICENSE: lppl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.  
URL: <https://ctan.org/pkg/latex-amsmath-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/amsmath>
- The latex-base-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X kernel. 2022-11-02. Version 2023-05-01 pre-release 0. LICENSE: lppl1.3c. This package provides a testing release for upcoming L<sup>A</sup>T<sub>E</sub>X 2ε kernel changes. Testing by the L<sup>A</sup>T<sub>E</sub>X team itself suggests that the code is stable and usable, but wider use by knowledgeable users is required by adding these changes to the release L<sup>A</sup>T<sub>E</sub>X kernel. Typically, the code here will be used by a T<sub>E</sub>X system to create dedicated formats, for example , which can then be used explicitly for testing.  
URL: <https://ctan.org/pkg/latex-base-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/base>
- The latex-doc package. Documentation supplied as part of the L<sup>A</sup>T<sub>E</sub>X distribution. 2022-12-01. Version 2022-11-01 PL1. LICENSE: lppl1.3c. A collection of documentation that is provided with L<sup>A</sup>T<sub>E</sub>X itself, listed in the package. Note that (apart from notices of releases) the documentation mostly covers changes and details of adaptations; there are no complete tutorials, such as you might find in the or the .  
URL: <https://ctan.org/pkg/latex-doc>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- The latex-firstaid package. First aid for external L<sup>A</sup>T<sub>E</sub>X files and packages that need updating. 2022-11-01. Version 1.0u. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/latex-firstaid>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/firstaid>
- The latex-firstaid-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X firstaid package. 2022-11-02. Version 1.0u. LICENSE: lppl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.  
URL: <https://ctan.org/pkg/latex-firstaid-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/firstaid>
- The latex-graphics package. The L<sup>A</sup>T<sub>E</sub>X standard graphics bundle. 2022-11-01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/latex-graphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
- The latex-graphics-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X graphics bundle. 2022-11-02. Version 2023-05-01 pre-release 0. LICENSE: lppl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.  
URL: <https://ctan.org/pkg/latex-graphics-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/graphics>
- The latex-lab package. L<sup>A</sup>T<sub>E</sub>X laboratory. 2022-11-01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/latex-lab>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/latex-lab>
- The latex-lab-dev package. L<sup>A</sup>T<sub>E</sub>X laboratory: Development pre-release. 2022-11-02. Version 2023-05-01 pre-release 0. LICENSE: lppl1.3c. This package provides a testing release for upcoming changes to the bundle, which provides a route for additions to the L<sup>A</sup>T<sub>E</sub>X kernel to be stabilised. It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.  
URL: <https://ctan.org/pkg/latex-lab-dev>  
MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/latex-lab>
- The L<sup>A</sup>T<sub>E</sub>X Project Team. The latex-tools package. The L<sup>A</sup>T<sub>E</sub>X standard tools bundle. 2022-11-01. LICENSE: lppl1.3c. A collection of (variously) simple tools provided as part of the L<sup>A</sup>T<sub>E</sub>X distribution, comprising the packages: , , , , , , , , , , , , , , , , , , and .  
URL: <https://ctan.org/pkg/latex-tools>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- The latex-tools-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X tools bundle. 2022-11-02. Version 2023-05-01 pre-release 0. LICENSE: lppl1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.

- URL: <https://ctan.org/pkg/latex-tools-dev>
  - MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/tools>
  - *The latexbug package.* Bug-classification for L<sup>A</sup>T<sub>E</sub>X related bugs. 2022-06-14. Version 1.0n. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latexbug>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/latexbug>
  - *The latexrelease package.* L<sup>A</sup>T<sub>E</sub>X release emulation. 2022-06-08. Version 1.0o. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/latexrelease>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The makeidx package.* Standard L<sup>A</sup>T<sub>E</sub>X package for creating indexes. 2019-10-04. Version 1.0m. LICENSE: lppl,lppl1.3c  
 URL: <https://ctan.org/pkg/makeidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The minimal package.* A trivial class, for use when testing. 2019-10-04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/minimal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The modguide package.* The rules about modifying L<sup>A</sup>T<sub>E</sub>X. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/modguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The pdfmanagement-testphase package.* L<sup>A</sup>T<sub>E</sub>X PDF management testphase bundle. 2022-11-03. Version 0.95t. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfmanagement-testphase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfmanagement-testphase>
  - *The proc package.* Class for producing “proceedings”. 2022-06-08. Version 1.3m. LICENSE: lppl1.3c. The class provides basic facilities for typesetting the proceedings of an event; it is an extension of the standard .  
 URL: <https://ctan.org/pkg/proc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The report package.* Typeset a multi-chapter report. 2021-06-01. Version 1.4n. LICENSE: lppl1.3c. The class provides typesetting rather similar to that of the , omitting some features relevant only when professional book-publishing is to be used.  
 URL: <https://ctan.org/pkg/report>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The shell esc package.* Unified shell escape interface for L<sup>A</sup>T<sub>E</sub>X. 2021-01-03. Version 1.0c. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/shelle sc>  
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 URL: <https://ctan.org/pkg/shortvrb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The source2e package.* L<sup>A</sup>T<sub>E</sub>X2e kernel documentation for the entire system as one document. 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/source2e>
  - *The t1enc package.* Standard package for activating ec fonts. 2016-06-24. LICENSE: lppl. Obsolete package for activating T1 font encoding. The replacement package with (optional) argument does this task more satisfactorily.  
 URL: <https://ctan.org/pkg/t1enc>
  - *The usrguide package.* User-mode documentation for L<sup>A</sup>T<sub>E</sub>X. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/usrguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
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 URL: <https://ctan.org/pkg/xfp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- *The xgalley package.* Control text feeding onto the page. 2022-04-20. LICENSE: lppl1.3c. The package, currently distributed as part of the bundle, provides control over the boxes that accept material as a page is filled.  
 URL: <https://ctan.org/pkg/xgalley>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3experimental/xgalley.dtx>

- *The xparse package. A generic document command parser.* 2022-06-22. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/xparse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
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 URL: <https://ctan.org/pkg/xtemplate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and David Carlisle. *The autopict package. The L<sup>A</sup>T<sub>E</sub>X picture mode, for use with Plain T<sub>E</sub>X.* 2021-11-15. Version 1.1k. LICENSE: lpl1. The installer for this package is distributed with the bundle; the source for the installer is part of the .  
 URL: <https://ctan.org/pkg/autopict>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics/autopict.sty>
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 URL: <https://ctan.org/pkg/iftex>  
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 URL: <https://ctan.org/pkg/latex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/base>
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 URL: <https://ctan.org/pkg/unpacked>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Heiko Oberdiek. *The ifluatex package. Provides the \ifluatex switch.* 2022-02-05. Version 1.5. LICENSE: lpl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- *The ifpdf package. Provides the \ifpdf conditional.* 2022-02-05. Version 3.4. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/ifpdf>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- *The ifvtex package. Detects use of VTeX and its facilities.* 2022-02-05. Version 1.7. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/ifvtex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Sebastian Rahtz, Walter A. Schmidt, and Vladimir Volovich. *The required package. Packages “required” of a L<sup>A</sup>T<sub>E</sub>X distribution.* 2016-06-24. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/required>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Will Robertson. *The ifxetex package. Am I running under XeTeX?* 2022-02-05. Version 0.7. LICENSE: lpl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and Martin Scharer. *The ifetex package. Provides \ifetex switch.* 2022-10-26. Version 1.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/ifetex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
- The L<sup>A</sup>T<sub>E</sub>X Project Team, Kresten Krab Thorup, and Frank Jensen. *The calc package. Simple arithmetic in L<sup>A</sup>T<sub>E</sub>X commands.* 2021-06-01. Version 4.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/calc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>

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 URL: <https://ctan.org/pkg/eurosym>  
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 MIRROR: <https://mirror.ctan.org/info/digests/ttn>
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 MIRROR: <https://mirror.ctan.org/support/chktex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerdarkthemes>
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- *The alphanumb package. A modification of alpha.bst.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/alphanumb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stage>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acromake>
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URL: <https://ctan.org/pkg/newlfm>  
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URL: <https://ctan.org/pkg/verbasef>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbasef>
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URL: <https://ctan.org/pkg/latexdiff>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/margbib>
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 URL: <https://ctan.org/pkg/mtgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mtgreek>
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 URL: <https://ctan.org/pkg/biblatex-authoryear-icomp-tt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/authoryear-icomp-tt>
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 URL: <https://ctan.org/pkg/idxlayout>  
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 URL: <https://ctan.org/pkg/hands>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fgruler>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/huaz>
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 URL: <https://ctan.org/pkg/vietnet>  
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 URL: <https://ctan.org/pkg/chickenize>  
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 URL: <https://ctan.org/pkg/gfsbaskerville>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/gfs/gfsbaskerville>
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- URL: <https://ctan.org/pkg/fakebold>
- MIRROR: <https://mirror.ctan.org/macros/generic/misc/fakebold.tex>
- *The fnote package. Auto-numbered footnotes in Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: noinfo
- URL: <https://ctan.org/pkg/fnote>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fnote.tex>
- *The frenchquote package. Make something like guillemets.* 2016-06-24. LICENSE: noinfo. The package defines and which construct objects vaguely like the french quote marks “guillemets”, from small versions of the maths symbols and .
- URL: <https://ctan.org/pkg/frenchquote>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchquote.sty>
- *The germdoc package. A collection of documentation available in German.* 2019-06-21. LICENSE: collection
- URL: <https://ctan.org/pkg/germdoc>
- *The hackalloc package. Make allocations local.* 2016-06-24. LICENSE: noinfo. The package makes allocation ( , etc.) local.
- URL: <https://ctan.org/pkg/hackalloc>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hackalloc.sty>
- *The hep-gen package. Generic macros for quantum physics.* 2020-04-11. LICENSE: noinfo
- URL: <https://ctan.org/pkg/hep-gen>
- MIRROR: <https://mirror.ctan.org/macros/generic/misc/hep.tex>
- *The hereapplies package. A L<sup>A</sup>T<sub>E</sub>X package for referencing groups of pages that share something in common.* 2022-09-13. Version 1.0.0. LICENSE: gpl3+. is a L<sup>A</sup>T<sub>E</sub>X package that allows to collect groups of labels and reference them altogether. It can be used for creating informal glossaries that cross-link concepts to their applications, or simply mentioning multiple pages that share something in common.
- URL: <https://ctan.org/pkg/hereapplies>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hereapplies>
- *The hge package. An “Old English” font.* 2022-04-06. LICENSE: noinfo
- URL: <https://ctan.org/pkg/hge>
- MIRROR: <https://mirror.ctan.org/fonts/hge>
- *The histyle package. A “HighStyle” environment for T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: noinfo
- URL: <https://ctan.org/pkg/histyle>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/histyle>
- *The hp2xx package. HP GL converter.* 2017-04-18. Version 3.4.4. LICENSE: gpl
- URL: <https://ctan.org/pkg/hp2xx>
- MIRROR: <https://mirror.ctan.org/support/hp2xx>
- *The hwemoji package. Unicode emoji support for pdfL<sup>A</sup>T<sub>E</sub>X with sequences.* 2022-11-16. Version 1.0. LICENSE: lppl1.3c,cc-by-4
- URL: <https://ctan.org/pkg/hwemoji>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hwemoji>
- *The indent package. Environments that change margins.* 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/indent>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/indent.sty>
- *The invertedparagraphs package. Indented text with negative paragraph indentation.* 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/invertedparagraphs>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/invertedparagraphs.tex>
- *The isolatin1 package. An obsolete means to use ISO 8859-1 with T<sub>E</sub>X.* 2016-06-24. Version 0.9. LICENSE: noinfo
- URL: <https://ctan.org/pkg/isolatin1>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/isolatin1.sty>
- *The ist21 package. Title page for the old BSI IST/21 committee.* 2016-06-24. LICENSE: noinfo
- URL: <https://ctan.org/pkg/ist21>
- MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ist21.sty>
- Unknown. *The japanese-mathformulas package. Compiling basic math formulas in Japanese using LuaL<sup>A</sup>T<sub>E</sub>X.* 2022-10-10. Version 1.0.2. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/japanese-mathformulas>
- MIRROR: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>

- *The JavaBib package.* A BibTeX file manager written in Java. 2016-06-24. Version III. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/javabib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/JavaBib>
- *The jigsaw package.* Draw jigsaw pieces with TikZ. 2022-07-18. Version 0.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/jigsaw>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>
- *The karta package.* Cartographic signs. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/karta>  
 MIRROR: <https://mirror.ctan.org/fonts/karta>
- *The label-pln package.* Print address labels in three columns. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/label-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>
- *The laps package.* Zero-width boxes for annotations, etc. 2020-04-11. LICENSE: noinfo. Provides macros extends the / set in Plain T<sub>E</sub>X:  
 URL: <https://ctan.org/pkg/laps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/laps.tex>
- *The letter-plain package.* Letter macros for Plain T<sub>E</sub>X. 2021-03-09. LICENSE: noinfo. These macros would seem to be used by Knuth himself (a with a slightly different default address may be found in the CTAN copy of of macros).  
 URL: <https://ctan.org/pkg/letter-plain>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/letter.tex>
- *The letter1 package.* Letter formatting macros. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/letter1>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/letter1>
- *The llncs209 package.* Macros for Springer books. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/llncs209>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/springer/llncs>
- *The longtocline package.* Macros to produce a table of contents. 2016-06-24. LICENSE: noinfo. Defines a macro (3 arguments) that produces a table of contents line rather similar to that provided as standard in L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/longtocline>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>
- *The ltxmisc package.* Miscellaneous L<sup>A</sup>T<sub>E</sub>X packages, etc. 2016-06-18. LICENSE: collection  
 URL: <https://ctan.org/pkg/ltxmisc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc>
- *The mandel package.* Compute the Mandelbrot set. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mandel>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/mandel.tex>
- *The maple package.* Styles and examples for the MAPLE newsletter. 2016-06-18. Version 1.8. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/maple>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maple>
- *The marathi package.* Typeset Marathi language using X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X. 2022-01-21. Version 1.7. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/marathi>  
 MIRROR: <https://mirror.ctan.org/language/marathi>
- *The mathtime-metrics package.* MathTime AFM files. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mathtime-metrics>  
 MIRROR: <https://mirror.ctan.org/fonts/mathtime>
- *The maybeload package.* Prevent reloading of files. 2016-06-24. LICENSE: noinfo. Defines a command , which will become if it's called for a second or subsequent time with a particular file name.  
 URL: <https://ctan.org/pkg/maybeload>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>
- *The memo-pln package.* Plain T<sub>E</sub>X macros for memoranda. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/memo-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>
- Unknown. *The mitpress package.* Typeset documents for MIT Press. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mitpress>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/mitpress.sty>

- *The msx2msa package*. Simulate msxm and msym fonts using msam and msbm. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/msx2msa>  
 MIRROR: <https://mirror.ctan.org/fonts/vf-files/msx2msa>
- *The muling package*. MA Thesis class for the Department of Linguistics, University of Mumbai. 2022-01-21. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/muling>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/muling>
- *The namunsrt package*. An unsorted BibTeX style with labels provided in the database. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/namunsrt>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/namunsrt.bst>
- *The nofill package*. Preserve spaces and line breaks when setting text. 2016-06-24. LICENSE: noinfo. The commands and bracket text in which multiple spaces are not collapsed into a single space, and spaces at the start of line are preserved.  
 URL: <https://ctan.org/pkg/nofill>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/nofill.tex>
- *The ntg package*. Dutch T<sub>E</sub>X Users Group information. 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ntg>  
 MIRROR: <https://mirror.ctan.org/usergrps/ntg>
- *The NTS-L package*. NTS mailing list digests. 2016-06-24. LICENSE: digest. This bundle holds postings from the mailing list , from 1992-05 to 1995-01.  
 URL: <https://ctan.org/pkg/nts-l>  
 MIRROR: <https://mirror.ctan.org/info/digests/nts-l>
- *The obsolete package*. A tree holding obsolete software. 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete>
- *The ovalfbox package*. Boxes with frames whose corners are rounded. 2016-06-24. LICENSE: noinfo. The package defines a command which seems more stable to the similar command in the package ; however, this package retains the problems with the positioning of multiline text in boxes.  
 URL: <https://ctan.org/pkg/ovalfbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ovalfbox.sty>
- *The paragraphs package*. Paragraph "tricks" macros. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/paragraphs>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/paragraphs.tex>
- *The plainmisc package*. Miscellaneous contributed macros for plain T<sub>E</sub>X. 2016-06-18. LICENSE: collection  
 URL: <https://ctan.org/pkg/plainmisc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc>
- *The plcalendar package*. Plain macros for making nice calendars. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/plcalendar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/calendar>
- *The plfonts package*. Polish extension to Computer Modern fonts. 2016-06-24. LICENSE: pd. Polish extension of Computer Modern fonts. These fonts are compatible with CM fonts; only Polish characters (as in EC/Cork encoding) and quotes are added. The fonts are distributed as or in .  
 URL: <https://ctan.org/pkg/plfonts>
- *The printbib package*. Print the contents of a bibliography. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/printbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/printbib>
- *The psfonts package*. PostScript fonts for use with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/psfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts>
- *The psnfssx-8r package*. Raw Type 1 fonts with L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/psnfssx-8r>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/8r/8r.sty>
- Unknown. *The qms package*. VMS tools for controlling QMS printers. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/qms>  
 MIRROR: <https://mirror.ctan.org/dviware/qms>

- *The quotation package*. Typeset an attributed quotation. 2016-06-24. LICENSE: noinfo. takes two arguments, the quotation itself, and the attribution. The quotation is set as a page-wide , so placement of commands may be useful for best appearance.  
URL: <https://ctan.org/pkg/quotation>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/quotation.tex>
- *The redefine package*. Conditional macro, etc., definitions. 2016-06-24. LICENSE: noinfo. Defines commands , and that warn the user if a command is redefined using them (if operating under L<sup>A</sup>T<sub>E</sub>X, is similarly modified). In addition , , , are modified to detect an error if a conditional or register name is reused.  
URL: <https://ctan.org/pkg/redefine>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/redefine.tex>
- *The rotate package*. Rotate T<sub>E</sub>X boxes. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/rotate>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/rotate.tex>
- *The samples package*. Samples of Plain T<sub>E</sub>X coding. 2016-06-24. LICENSE: collection  
URL: <https://ctan.org/pkg/samples>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples>
- *The sc21 package*. Title page for the old ISO TC97/SC21 committee. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sc21>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21.sty>
- *The sc21-wg1 package*. Title page for the old ISO TC97/SC21/WG1 working group. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sc21-wg1>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>
- *The screen package*. Prepare a document for a simple previewer. 2016-06-24. LICENSE: noinfo. A small package designed to set geometry to prepare a (L<sup>A</sup>T<sub>E</sub>X 2.09) document for viewing with something like .  
URL: <https://ctan.org/pkg/screen>  
MIRROR: <https://mirror.ctan.org/dviware/screenview/vms/screen.sty>
- *The sentences package*. Numbered lists for sentences. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sentences>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>
- *The sfwmac package*. A set of definitions for Unix system documentation. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sfwmac>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>
- *The sshdbk10 package*. Sans headers in book style. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sshdbk10>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>
- *The tabbingbox package*. Save a tabbing environment in a box. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/tabbingbox>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>
- *The texcad32 package*. Win32 drawing package for mathematical diagrams. 2020-01-19. Version 4.4.1.6. LICENSE: lppl. Texcad32 is one of a number of clones/developments of the DOS program Texcad. Texcad32 can output either to a file of special commands, or to PostScript.  
URL: <https://ctan.org/pkg/texcad32>  
MIRROR: <https://mirror.ctan.org/graphics/texcad32>
- *The Texhax package*. Digests of a general T<sub>E</sub>X mailing list. 2021-08-26. LICENSE: pd  
URL: <https://ctan.org/pkg/texhax>  
MIRROR: <https://mirror.ctan.org/info/digests/texhax>
- *The texindex package*. Simple indexing using standard Unix commands. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/texindex>  
MIRROR: <https://mirror.ctan.org/indexing/texindex>
- *The tgrind209 package*. Support tgrind in L<sup>A</sup>T<sub>E</sub>X 2.09. 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with L<sup>A</sup>T<sub>E</sub>X 2.09.  
URL: <https://ctan.org/pkg/tgrind209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>
- Unknown. *The thirteen package*. Print dates of Friday 13th days. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/thirteen>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>

- *The threecol package*. Three-column newsletter output. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/threecol>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
- *The tikz-bbox package*. Precise determination of bounding boxes in TikZ. 2021-01-18. Version 0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikz-bbox>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
- *The tikz-ext package*. A collection of libraries for PGF/TikZ. 2022-10-31. Version 0.4.2. LICENSE: fdl,lppl  
URL: <https://ctan.org/pkg/tikz-ext>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>
- *The TikZbricks package*. Drawing bricks with TikZ. 2019-09-02. Version 0.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzbricks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>
- *The TikZducks package*. A little fun package for using rubber ducks in TikZ. 2020-06-30. Version 1.5. LICENSE: lppl1.3c. The package is a L<sup>A</sup>T<sub>E</sub>X package for ducks to be used in TikZ pictures. This project is a continuation of an answer at StackExchange  
URL: <https://ctan.org/pkg/tikzducks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzducks>
- *The TikZlings package*. A collection of cute little animals and similar creatures. 2022-06-17. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzlings>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzlings>
- *The TikZmarmots package*. Drawing little marmots in TikZ. 2019-09-02. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzmarmots>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmarmots>
- *The tikztosvg package*. A utility for rendering TikZ diagrams to SVG. 2021-08-20. Version 0.3.0. LICENSE: gpl3. This package provides a shell script that calls and to convert environments to SVG files.  
URL: <https://ctan.org/pkg/tikztosvg>  
MIRROR: <https://mirror.ctan.org/support/tikztosvg>
- *The timeline package*. Typeset time-lines, for planning, etc. 2016-06-24. LICENSE: noinfo. Defines a environment, in which one places a bunch of s. A small sample of use is provided.  
URL: <https://ctan.org/pkg/timeline>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/timeline>
- *The tipauni package*. Producing Unicode characters with TIPA commands. 2022-10-21. Version 0.6.1. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/tipauni>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>
- *The toc package*. Table of contents macros for Plain T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/toc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>
- *The trademarks package*. A collection of trademarks and the like. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/trademarks>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>
- *The twoside package*. Two-side typesetting in Plain T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/twoside>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>
- *The UK-TeX package*. The UK T<sub>E</sub>X digest. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/uktex>  
MIRROR: <https://mirror.ctan.org/info/digests/uktex>
- *The undertilde-gen package*. A simple macro for placing a tilde under a character. 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/undertilde-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/undertilde.tex>
- *The unfinished package*. Mark unfinished parts of a document. 2016-06-24. LICENSE: noinfo. The package provides an environment convenient for marking unfinished sections of a document. The environment complains if it thinks the document is not marked as a draft (in the sense of having non-zero.  
URL: <https://ctan.org/pkg/unfinished>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/unfinished.tex>
- Unknown. *The unisc package*. Unicode small caps with Lua/XeLaT<sub>E</sub>X. 2022-04-29. Version 0.2. LICENSE: gpl3+,fdl. L<sup>A</sup>T<sub>E</sub>X produces small caps with or . Neither of these commands produce small caps in Unicode. If the output text is copied and pasted somewhere it shows the same characters as used in the input. This package aims to internally convert all the characters provided to the



commands mentioned above. It assumes that the file using this package is compiled with Lua/XeL<sup>A</sup>T<sub>E</sub>X and a good Unicode font which has the small caps characters, e.g., .

URL: <https://ctan.org/pkg/unisc>

MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unisc>

- *The unitipa package. TIPA typefaces with Unicode characters as input.* 2021-10-22. Version 0.4. LICENSE: gpl3+,fdl. A(n obsolete) package which used to provide a LuaLaTeX based code for converting Unicode IPA input to T3 encoded TIPA typefaces, but it is recommended to use with Xe/LuaL<sup>A</sup>T<sub>E</sub>X instead for a better output.

URL: <https://ctan.org/pkg/unitipa>

MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/latex/unitipa>

- *The util-half package. A half-tone font.* 2016-07-19. LICENSE: noinfo

URL: <https://ctan.org/pkg/util-half>

MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>

- *The verbatim-pln package. Define new verbatim "environments" in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/verbatim-pln>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>

- *The web9pt package. Nine-point web listings.* 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.

URL: <https://ctan.org/pkg/web9pt>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>

- *The webmacss package. Use sans serif font in Web listings.* 2016-06-24. LICENSE: noinfo

URL: <https://ctan.org/pkg/webmacss>

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>

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- *The dox package. Extend the doc package*. 2018-01-06. Version 2.4. LICENSE: lppl1.3. The package provides L<sup>A</sup>T<sub>E</sub>X developers with means to describe the usage and the definition of new macros and environments. However, there is no simple way to extend this functionality to other items (options or counters, for instance). The DoX package is designed to circumvent this limitation.  
 URL: <https://ctan.org/pkg/dox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dox>
- *The FiNk package. The L<sup>A</sup>T<sub>E</sub>X2e File Name Keeper*. 2018-01-06. Version 2.2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fink>
- *The FiXme package. Collaborative annotation tool for L<sup>A</sup>T<sub>E</sub>X*. 2022-06-08. Version 4.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fixme>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixme>
- *The QCM package. A L<sup>A</sup>T<sub>E</sub>X2e class for making multiple choice questionnaires*. 2022-06-25. Version 2.1. LICENSE: lppl. QCM is a package for making multiple choices questionnaires under L<sup>A</sup>T<sub>E</sub>X2e (“QCM” is the French acronym for this style of test). A special environment allows you to define questions and possible answers. You can specify which answers are correct and which are not. QCM not only formats the questions for you, but also generates a ‘form’ (a grid that your students will have to fill in), and a ‘mask’ (the same grid, only with correct answers properly checked in). You can then print the mask on a slide and correct the questionnaires more easily by superimposing the mask on top of students’ forms. QCM can also typeset exam corrections automatically, and comes with support for .  
 URL: <https://ctan.org/pkg/qcm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qcm>
- Verunek, Jiří. *The timetable package. Generate timetables*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/timetable>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/timetable>
- Ververidis, Dimitrios. *The vocaltract package. Visualise the vocal tract using L<sup>A</sup>T<sub>E</sub>X and PSTricks*. 2018-09-15. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/vocaltract>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/vocaltract>
- Verwer, Nico. *The loggates package. A small font for logic gates, and L<sup>A</sup>T<sub>E</sub>X support*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/loggates>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loggates>
- *The rmthm package. Use a roman font for theorem statements*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rmthm>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/rmthm.sty>
- Verwer, Nico. *The xrefwarn package. Only one warning for an undefined citation*. 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/xrefwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/xrefwarn.sty>
- Verweyen, Georg Michael. *The mentis package. A basis for books to be published by Mentis publishers*. 2016-06-24. Version 1.5. LICENSE: lppl. This L<sup>A</sup>T<sub>E</sub>X class loads and provides changes necessary for publishing at Mentis publishers in Paderborn, Germany. It is not

- an official Mentis class, merely one developed by an author in close co-operation with Mentis.  
 URL: <https://ctan.org/pkg/mentis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mentis>
- *The stdpage package*. Standard pages with  $n$  lines of at most  $m$  characters each. 2016-06-24. Version 0.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/stdpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdpage>
  - Vessella, Nino. *The psbao package*. Draw Bao diagrams. 2020-05-02. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psbao>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/psbao>
  - Veytsman, Boris. *The acmart package*. Class for typesetting publications of ACM. 2022-11-07. Version 1.88. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acmart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acmart>
  - *The adjmulticol package*. Adjusting margins for multicolumn and single column output. 2022-05-17. Version 1.5. LICENSE: lppl1.3.  
 The package adds, to the package, the option to change the margins for multicolumn and unicolon layout. The package understands the difference between the even and odd margins for two side printing.  
 URL: <https://ctan.org/pkg/adjmulticol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjmulticol>
  - *The adobecaslon package*. Adobe Caslon font in L<sup>A</sup>T<sub>E</sub>X. 2021-09-11. Version 2.2. LICENSE: bsd  
 URL: <https://ctan.org/pkg/adobecaslon>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/adobecaslon>
  - *The afparticle package*. Typesetting articles for Archives of Forensic Psychology. 2016-06-24. Version 1.3. LICENSE: lppl1.3. This package provides a class for typesetting articles for the open access journal .  
 URL: <https://ctan.org/pkg/afparticle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/afparticle>
  - *The aomart package*. Typeset articles for the Annals of Mathematics. 2022-05-30. Version 1.27. LICENSE: lppl1.3. The package provides a class for typesetting articles for .  
 URL: <https://ctan.org/pkg/aomart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aomart>
  - *The bestpapers package*. A BibTeX package to produce lists of authors’ best papers. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/bestpapers>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bestpapers>
  - *The commedit package*. Commented editions with L<sup>A</sup>T<sub>E</sub>X. 2019-02-26. Version 1.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commedit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/commedit>
  - *The crossrefware package*. Scripts for working with crossref.org. 2022-10-19. LICENSE: gpl  
 URL: <https://ctan.org/pkg/crossrefware>  
 MIRROR: <https://mirror.ctan.org/support/crossrefware>
  - *The divine package*. L<sup>A</sup>T<sub>E</sub>X support for the divine font. 2020-08-29. Version 1.0. LICENSE: other-free. The package provides support files for the from the .  
 URL: <https://ctan.org/pkg/divine>  
 MIRROR: <https://mirror.ctan.org/fonts/divine>
  - *The dogma package*. Metrics and L<sup>A</sup>T<sub>E</sub>X support for Dogma Font From Emigre Graphics. 2016-06-24. Version 1.3. LICENSE: bsd. This package provides metric files and L<sup>A</sup>T<sub>E</sub>X support for the , designed by Zuzana Licko in 1994. It has everything you need to typeset in this font — except, of course, the font itself.  
 URL: <https://ctan.org/pkg/dogma>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/emigre/dogma>
  - *The envlab package*. Addresses on envelopes or mailing labels. 2022-02-03. Version 1.2. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X package for producing mailing envelopes and labels, including barcodes and address formatting according to the US Postal Service rules. Redefines the standard command of the L<sup>A</sup>T<sub>E</sub>X letter documentclass.  
 URL: <https://ctan.org/pkg/envlab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/envlab>
  - Veytsman, Boris. *The erdc package*. Style for Reports by US Army Corps of Engineers. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/erdc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/erdc>

- *The estcpmm package. Style for Munitions Management Project Reports.* 2016-06-24. Version 0.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/estcpmm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/estcpmm>
  - *The fitbox package. Fit graphics on a page.* 2019-02-21. Version 1.02. LICENSE: lppl1.3. The package allows a box (usually an box) to fit on the page. It scales the box to the maximal allowed size within the user-set limits. If there is not enough space on the page, the box is moved to the next one.  
URL: <https://ctan.org/pkg/fitbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitbox>
  - *The foilhtml package. Interface between foiltex and L<sup>A</sup>T<sub>E</sub>X2HTML.* 2022-02-03. Version 1.2. LICENSE: lppl. Provides integration between and , adding sectioning commands and elements of logical formatting to FoilTeX and providing support for FoilTeX commands in L<sup>A</sup>T<sub>E</sub>X2HTML.  
URL: <https://ctan.org/pkg/foilhtml>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foilhtml>
  - *The futurans package. Metrics and L<sup>A</sup>T<sub>E</sub>X support for Futura Fonts From Adobe As Used By No Starch Press.* 2021-09-11. Version 1.0b. LICENSE: bsd  
URL: <https://ctan.org/pkg/futurans>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/futurans>
  - *The gillcm package. Alternative unslanted italic Computer Modern fonts.* 2016-06-24. Version 1.1. LICENSE: bsd  
URL: <https://ctan.org/pkg/gillcm>  
MIRROR: <https://mirror.ctan.org/fonts/gillcm>
  - *The ijmart package. L<sup>A</sup>T<sub>E</sub>X Class for the Israel Journal of Mathematics.* 2016-06-24. Version 1.7. LICENSE: lppl. The Israel Journal of Mathematics is published by The Hebrew University Magnes Press. This class provides L<sup>A</sup>T<sub>E</sub>X support for its authors and editors. It strives to achieve the distinct “look and feel” of the journal, while having the interface similar to that of the document class. This will help authors already familiar with amsart to easily submit manuscripts for The Israel Journal of Mathematics or to put the preprints in with minimal changes in the L<sup>A</sup>T<sub>E</sub>X source.  
URL: <https://ctan.org/pkg/ijmart>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ijmart>
  - *The imprintmtshadow package. Support files for the Monotype Imprint Shadow fonts.* 2021-09-11. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/imprintmtshadow>  
MIRROR: <https://mirror.ctan.org/fonts/imprintmtshadow>
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URL: <https://ctan.org/pkg/issuulinks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/issuulinks>
  - *The jamtimes package. Expanded Times Roman fonts.* 2009-11-07. Version 1.12. LICENSE: other-free  
URL: <https://ctan.org/pkg/jamtimes>  
MIRROR: <https://mirror.ctan.org/fonts/jamtimes>
  - *The lsabon package. Support files for the Linotype Sabon fonts.* 2021-09-11. Version 1.1. LICENSE: other-free  
URL: <https://ctan.org/pkg/lsabon>  
MIRROR: <https://mirror.ctan.org/fonts/lsabon>
  - *The mathgifg package. Support for Microsoft Georgia and ITC Franklin Gothic.* 2016-06-24. Version 0.4. LICENSE: other-free  
URL: <https://ctan.org/pkg/mathgifg>  
MIRROR: <https://mirror.ctan.org/fonts/mathgifg>
  - *The mdputu package. Upright digits in Adobe Utopia Italic.* 2016-06-24. Version 1.2. LICENSE: other-free. The Annals of Mathematics uses italics for theorems. However, slanted digits and parentheses look disturbing when surrounded by (upright) mathematics. This package provides virtual fonts with italics and upright digits and punctuation, as an extension to .  
URL: <https://ctan.org/pkg/mdputu>  
MIRROR: <https://mirror.ctan.org/fonts/mdputu>
  - *The multiaudience package. Several versions of output from the same source.* 2021-10-03. Version 1.04. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multiaudience>
  - *The nbaskerv package. Metrics and L<sup>A</sup>T<sub>E</sub>X support for ITC New Baskerville Font From Adobe.* 2016-06-24. Version 1.0c. LICENSE: bsd  
URL: <https://ctan.org/pkg/nbaskerv>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/nbaskerv>
- Veytsman, Boris. *The nmbib package. Multiple versions of a bibliography, with different sort orders.* 2016-06-24. Version 1.04. LICENSE: lppl1.3. This package is a rewrite of the package providing multiple bibliographies with different sorting. The new version offers a number of citation commands, streamlines the creation of bibliographies, ensures compatibility with the package, and provides

other improvements.

URL: <https://ctan.org/pkg/nmbib>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nmbib>

- *The nostarch package*. L<sup>A</sup>T<sub>E</sub>X class for No Starch Press. 2017-04-18. Version 1.3. LICENSE: lppl

URL: <https://ctan.org/pkg/nostarch>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nostarch>

- *The pcarl package*. L<sup>A</sup>T<sub>E</sub>X Support for Adobe Caslon Open Face. 2021-09-11. Version 1.0a. LICENSE: other-free

URL: <https://ctan.org/pkg/pcarl>

MIRROR: <https://mirror.ctan.org/fonts/pcarl>

- *The philosophersimprint package*. Typesetting articles for "Philosophers' Imprint". 2020-11-16. Version 1.5. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/philosophersimprint>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philosophersimprint>

- *The rawprint package*. Print raw Russian text. 2016-06-24. LICENSE: lppl

URL: <https://ctan.org/pkg/rawprint>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koi8>

- *The resphilosophica package*. Typeset articles for the journal *Res Philosophica*. 2019-04-25. Version 1.35. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/resphilosophica>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resphilosophica>

- *The rviewport package*. Relative Viewport for Graphics Inclusion. 2016-06-24. Version 1.0. LICENSE: lppl

URL: <https://ctan.org/pkg/rviewport>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rviewport>

- *The sageep package*. Format papers for the annual meeting of EEGS. 2016-06-24. Version 1.0. LICENSE: lppl

URL: <https://ctan.org/pkg/sageep>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sageep>

- *The seqsplit package*. Split long sequences of characters in a neutral way. 2016-06-24. Version 0.1. LICENSE: lppl

URL: <https://ctan.org/pkg/seqsplit>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seqsplit>

- *The srcredact package*. A tool for redacting sources. 2016-06-24. Version 1.0. LICENSE: gpl2

URL: <https://ctan.org/pkg/srcredact>

MIRROR: <https://mirror.ctan.org/support/srcredact>

- *The tex-vpat package*. TeX Accessibility Conformance Report. 2022-06-12. Version 2.1, June 2022. LICENSE: cc-by-3

URL: <https://ctan.org/pkg/tex-vpat>

MIRROR: <https://mirror.ctan.org/info/tex-vpat>

- *The thsmc package*. Metrics and L<sup>A</sup>T<sub>E</sub>X support for Sans Mono Condensed Font. 2021-09-11. Version 1.0d. LICENSE: bsd

URL: <https://ctan.org/pkg/thsmc>

MIRROR: <https://mirror.ctan.org/fonts/psfonts/fontfabrik/thsmc>

- Veytsman, Boris and Leila Akhmadeeva. *The pedigree-perl package*. Generate T<sub>E</sub>X pedigree files from CSV files. 2022-08-29. Version 2.1. LICENSE: gpl2. This program generates T<sub>E</sub>X commands to typeset pedigrees — either T<sub>E</sub>X fragments or full L<sup>A</sup>T<sub>E</sub>X files, to be processed by the authors' package. The program has support for multilanguage pedigrees (at the present moment the English and Russian languages are supported).

URL: <https://ctan.org/pkg/pedigree-perl>

MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pedigree/pedigree-perl>

- *The pst-pdgr package*. Draw medical pedigrees using PSTricks. 2017-11-20. Version 0.4. LICENSE: lppl

URL: <https://ctan.org/pkg/pst-pdgr>

MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pedigree/pst-pdgr>

- Veytsman, Boris, C. V. Radhakrishnan, Lee Netherton, and Bernd Schandl. *The nomenc1 package*. Produce lists of symbols as in nomenclature. 2021-11-11. Version 5.6. LICENSE: lppl. Produces lists of symbols using the capabilities of the program.

URL: <https://ctan.org/pkg/nomenc1>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nomenc1>

- Vicentini, Emanuele. *The evautofl package*. Pages with cut lines and punch marks. 2018-01-06. LICENSE: lppl

URL: <https://ctan.org/pkg/evautofl>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evautofl>

- *The evweek package*. Weekly calendar. 2016-06-24. LICENSE: lppl. The evweek class is distributed as part of the bundle, and is a development of the weekly class in the bundle. It provides extra options for font control, and offers a number of bug fixes over the original.



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evweek>
- *The GuITlogo package. Macros for typesetting the GuIT logo.* 2020-07-03. Version 1.0.0-alpha.4. LICENSE: lppl1.3a  
URL: <https://ctan.org/pkg/guitlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/GuIT/GuITlogo>
  - Vieth, Ulrik. *The closefrm package. Tidy up after reading a MetaPost file.* 2016-06-24. Version 1.04. LICENSE: noinfo  
URL: <https://ctan.org/pkg/closefrm>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/closefrm.mp>
  - *The concmath package. Concrete Math fonts.* 2016-06-24. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X package and font definition files to access the fonts, which were derived from Computer Modern math fonts using parameters from Concrete Roman text fonts.  
URL: <https://ctan.org/pkg/concmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concmath>
  - *The concmath-fonts package. Concrete mathematics fonts.* 2016-06-24. LICENSE: lppl. The fonts are derived from the computer modern mathematics fonts and from Knuth’s fonts; they are distributed as Metafont source. L<sup>A</sup>T<sub>E</sub>X support is offered by the package.  
URL: <https://ctan.org/pkg/concmath-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/concmath>
  - *The gpdata package. Cause MetaPost graph package to ignore ‘#’-comments.* 2016-06-24. Version 1.04. LICENSE: noinfo  
URL: <https://ctan.org/pkg/gpdata>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/gpdata.mp>
  - *The interpol package. Add interpolation to MetaPost graph package.* 2016-06-24. Version 1.04. LICENSE: noinfo  
URL: <https://ctan.org/pkg/interpol>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/interpol.mp>
  - *The meta-mode package. Emacs mode for Metafont/post.* 2016-06-24. Version 1.0. LICENSE: gpl. A GNU Emacs Lisp package that implements a major mode for editing or sources. It provides many features commonly found in Emacs editing modes for programming languages, such as automatic indenting of source code, syntactic highlighting (a.k.a. fontification), symbol completion, as well as miscellaneous other basic editing functions adapted to the mode-specific semantics such as motion commands or commands to mark, reindent, or comment-out environments or regions.  
URL: <https://ctan.org/pkg/meta-mode>  
MIRROR: <https://mirror.ctan.org/support/emacs-modes/meta-mode.el>
  - *The mflogo package. L<sup>A</sup>T<sub>E</sub>X support for Metafont logo fonts.* 2016-06-24. Version 2.0. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X package and font definition file to access the Knuthian fonts described in ‘The Metafontbook’ and to typeset Metafont logos in L<sup>A</sup>T<sub>E</sub>X documents.  
URL: <https://ctan.org/pkg/mflogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mflogo>
  - *The testeq package. An equality test for use in MetaPost.* 2016-06-24. Version 1.05. LICENSE: noinfo  
URL: <https://ctan.org/pkg/testeq>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/testeq.mp>
  - Vieth, Ulrik and Michel Goossens. *The ssquote package. Use the cmssq fonts.* 2016-06-24. Version 1.3. LICENSE: other-free  
URL: <https://ctan.org/pkg/ssquote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ssquote>
  - Vigil, Arthur. *The typicons package. Font containing a set of web-related icons.* 2016-06-24. Version 2.0.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/typicons>  
MIRROR: <https://mirror.ctan.org/fonts/typicons>
  - Vigna, Sebastiano. *The noTeX-bst package. A BibTeX style that outputs HTML.* 2016-10-28. LICENSE: pd  
URL: <https://ctan.org/pkg/notex-bst>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/misc/noTeX.bst>
  - Vigna, Sebastiano and Werner Lemberg. *The cd package. Typeset CD covers.* 2016-06-24. Version 1.4. LICENSE: gpl  
URL: <https://ctan.org/pkg/cd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cd>
  - Vignault, Jean-Paul, Manuel Luque, Arnaud Schmittbuhl, and Herbert Voß. *The pst-solides3d package. Draw perspective views of 3D solids.* 2021-08-26. Version 4.34a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-solides3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solides3d>
  - Vihrov, Andrey. *The fixlatvian package. Improve Latvian language support in X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1a. LICENSE: lppl1.3. The package offers improvement of the Latvian language support in , in particular in the area of the standard classes.



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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/fixlatvian>
- Vijay, Sameer and Donald Brower. *The nddiss package. Notre Dame Dissertation format class*. 2018-01-06. Version 3.2017.2. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/nddiss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nddiss>
- Vikhlinin, Alexey and Maxim Markevitch. *The emulateapj package. Produce output similar to that of APJ*. 2017-04-18. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X class (based on current ) to produce preprints with the page layout similar to that of the Astrophysical Journal.  
URL: <https://ctan.org/pkg/emulateapj>  
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- Vila-Forcén, José-Emilio. *The makeplot package. Easy plots from Matlab in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.0.6. LICENSE: lppl  
URL: <https://ctan.org/pkg/makeplot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/makeplot>
- Vion, Adrien. *The lexref package. Convenient and uniform references to legal provisions*. 2016-06-24. Version 1.1a. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/info/lshort/thai>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooking-units>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iitem>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/metropolis>
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 URL: <https://ctan.org/pkg/gsftopk>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/gsftopk>
- *The pkfind package. A 'find' command which understands pk files.* 2018-11-15. Version 1.0. LICENSE: other-free. The standard specifies that and files contain strings to identify the contents of the files. Pkfind is a variant of the GNU find utility modified to understand those specials, and to act on them in some cases. For example, it can be used to delete all files created by from a subdirectory tree.  
 URL: <https://ctan.org/pkg/pkfind>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/pkfind>
  - *The xdvi package. A DVI previewer for the X Window System.* 2020-03-02. LICENSE: other-free. The canonical previewer for use on Unix and other X-windows based systems. The distribution has been integrated with that of xdvik (no longer separately available), so that it will build with "out of the box". It is included in .  
 URL: <https://ctan.org/pkg/xdvi>
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 URL: <https://ctan.org/pkg/ucbthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucbthesis>
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 URL: <https://ctan.org/pkg/latex2man>  
 MIRROR: <https://mirror.ctan.org/support/latex2man>
  - *The rcsinfo package. Support for the revision control system.* 2016-06-24. Version 1.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rcsinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcsinfo>
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 URL: <https://ctan.org/pkg/cm-super>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-super>
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 URL: <https://ctan.org/pkg/ruhyphen>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ruhyphen>

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 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-super/type1ec.sty>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmap>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/t2>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
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 URL: <https://ctan.org/pkg/rtklage>  
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 URL: <https://ctan.org/pkg/auto-pst-pdf-lua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf-lua>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-FUBerlin>
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 URL: <https://ctan.org/pkg/biblatex-bwl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bwl>
- *The biblatex-readbbl package. Read a .bbl file created by biber.* 2022-01-25. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-readbbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-readbbl>
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 URL: <https://ctan.org/pkg/biblatex-spbasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-spbasic>
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 URL: <https://ctan.org/pkg/ctan-bibdata>  
 MIRROR: <https://mirror.ctan.org/biblio/ctan-bibdata>
- *The dejavu-otf package. Support for the ttf and otf DejaVu fonts.* 2019-06-09. Version 0.04. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dejavu-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/dejavu-otf>
- *The einfuehrung package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/einfuehrung>  
 MIRROR: <https://mirror.ctan.org/info/examples/Einfuehrung>
- *The einfuehrung2 package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/einfuehrung2>  
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- Voß, Herbert. *The fbox package. Extended \fbox macro from standard L<sup>A</sup>T<sub>E</sub>X.* 2022-02-20. Version 0.06. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fbox>
- *The firamath-otf package. Use OpenType math font Fira Math.* 2019-06-09. Version 0.02a. LICENSE: lppl1.3. The package offers XeT<sub>E</sub>X/LuaT<sub>E</sub>X support for the .

- URL: <https://ctan.org/pkg/firamath-otf>  
MIRROR: <https://mirror.ctan.org/fonts/firamath-otf>
- *The heros-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Heros*. 2022-10-14. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/heros-otf>  
MIRROR: <https://mirror.ctan.org/fonts/heros-otf>
  - *The hvarabic package. Macros for RTL typesetting*. 2021-06-01. Version 0.02. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hvarabic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvarabic>
  - *The hvextern package. Write and execute external code, and insert the output*. 2022-06-24. Version 0.32. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hvextern>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvextern>
  - *The hvfloat package. Controlling captions, fullpage and doublepage floats*. 2022-11-21. Version 2.44. LICENSE: lppl. This package defines a macro to place objects (tables and figures) and their captions in different positions with different rotating angles within a float. All objects and captions can be framed. The main command is `hvf`; a simple example is `hvf`. Options are provided to place captions to the right or left, and rotated. Setting `nonFloat=true` results in placing the float here.  
URL: <https://ctan.org/pkg/hvfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvfloat>
  - *The hvindex package. Support for indexing*. 2022-01-25. Version 0.04. LICENSE: lppl. The package simplifies the indexing of words using the command `hvindex`. With the package, to index a word in a text, you only have to type it once; the package makes sure it is both typeset and indexed.  
URL: <https://ctan.org/pkg/hvindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvindex>
  - *The hvlogos package. Print T<sub>E</sub>X-related names as logo*. 2022-05-08. Version 0.09. LICENSE: lppl  
URL: <https://ctan.org/pkg/hvlogos>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvlogos>
  - *The hvpygmentex package. Syntax-Highlighting of program code*. 2022-03-08. Version 0.01. LICENSE: lppl1.3c. The package is based on `pygment` but provides an automatic run from within the document itself, with the option `hvpygmentex`. It does not need the additional action by the user to run the external program to create the code snippets.  
URL: <https://ctan.org/pkg/hvpygmentex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvpygmentex>
  - *The hvqrurl package. Insert a QR code in the margin*. 2021-05-18. Version 0.02. LICENSE: lppl1.3. This package allows to draw an URL as a QR code into the margin of a one- or twosided document. The following packages are loaded by default: `qr`, `url`, and `url`.  
URL: <https://ctan.org/pkg/hvqrurl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvqrurl>
  - *The isopt package. Writing a T<sub>E</sub>X length with a space between number and unit*. 2018-01-07. Version 0.01. LICENSE: lppl. Writing a T<sub>E</sub>X length with `\isopt` writes the value and the unit without a space. Package `isopt` provides a macro which inserts a user defined space between number and unit.  
URL: <https://ctan.org/pkg/isopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isopt>
  - *The latex-bib-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-bib-ex>  
MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib>
  - *The latex-bib2-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-bib2-ex>  
MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib2>
  - *The LaTeX-Referenz package. Examples from the book "L<sup>A</sup>T<sub>E</sub>X Referenz"*. 2020-06-07. Version 2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-referenz>  
MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>
  - *The latex-tabellen package. L<sup>A</sup>T<sub>E</sub>X Tabellen*. 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/latex-tabellen>  
MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>
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URL: <https://ctan.org/pkg/libertinus>  
MIRROR: <https://mirror.ctan.org/fonts/libertinus>

- *The libertine-otf package. Support for Libertinus OpenType.* 2021-07-23. Version 0.29. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-otf>
- *The luafindfont package. Search fonts in the LuaTeX font database.* 2022-11-03. Version 0.11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/luafindfont>  
 MIRROR: <https://mirror.ctan.org/support/luafindfont>
- *The luaintro package. Examples from the book “Einführung in LuaTeX und LuaLaTeX”.* 2019-06-09. Version 0.03. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luaintro>  
 MIRROR: <https://mirror.ctan.org/info/examples/luaintro>
- *The luarandom package. Create lists of random numbers.* 2019-06-09. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luarandom>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luarandom>
- *The lucida-otf package. Support for the Lucida Bright fonts (OpenType).* 2021-09-11. Version 0.08. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lucida-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/lucida-otf>
- *The math-e package. Examples from the book Typesetting Mathematics with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/math-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math-E>
- *The mathesatz-examples package. Examples from the book “Mathematiksatz mit L<sup>A</sup>T<sub>E</sub>X”.* 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathesatz-examples>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math>
- *The nexus-otf package. Supporting for the Nexus OpenType or True Type Fonts.* 2019-06-21. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nexus-otf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nexus-otf>
- *The pagella-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Pagella.* 2022-10-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pagella-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/pagella-otf>
- *The plex-otf package. Support for the OpenType font IBM Plex.* 2018-04-13. Version 0.07a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/plex-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/plex-otf>
- *The powerdot-fuberlin package. Powerdot, using the style of FU Berlin.* 2019-11-26. Version 0.02a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/powerdot-fuberlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>
- *The presentations package. Examples from the book Presentationen mit L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)
- *The presentations-en package. Examples from the book Presentations with L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)
- *The pst-3dplot package. Draw 3D objects in parallel projection, using PSTricks.* 2022-01-14. Version 2.07a. LICENSE: lppl. A package using to draw a large variety of graphs and plots, including 3D maths functions. Data can be read from external data files, making this package a generic tool for graphing within T<sub>E</sub>X/LaTeX, without the need for external tools.  
 URL: <https://ctan.org/pkg/pst-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>
- *The pst-abspos package. Put objects at an absolute position.* 2016-06-24. Version 0.2. LICENSE: lppl. The (PSTricks-related) package provides a command to put an object at an arbitrary absolute (or even a relative) position on the page.  
 URL: <https://ctan.org/pkg/pst-abspos>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>
- *The pst-arrow package. Special arrows for PSTricks.* 2021-11-16. Version 0.05. LICENSE: lppl. This package has all the code from the package which was related to arrows, like multiple arrows and so on.  
 URL: <https://ctan.org/pkg/pst-arrow>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>
- Voß, Herbert. *The pst-calculate package. Support for floating point operations at L<sup>A</sup>T<sub>E</sub>X level.* 2019-06-09. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pst-calculate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>



- *The pst-dart package. Plotting dart boards.* 2021-09-11. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-dart>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>
  - *The pst-exa package. Typeset PSTricks examples, with code.* 2017-09-12. Version 0.06. LICENSE: lppl. The (-related) package provides an environment PSTexample to put code and output side by side or one above the other.  
URL: <https://ctan.org/pkg/pst-exa>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>
  - *The pst-feyn package. Draw graphical elements for Feynman diagrams.* 2018-09-29. Version 0.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-feyn>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>
  - *The pst-fp package. Fixed-point arithmetic in PSTricks.* 2016-06-24. Version 0.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-fp>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>
  - *The pst-fractal package. Draw fractal sets using PSTricks.* 2022-10-13. Version 0.12. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-fractal>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>
  - *The pst-func package. PSTricks package for plotting mathematical functions.* 2021-11-03. Version 0.99. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-func>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-func>
  - *The pst-graphics package. A PSTricks-compatible graphics for use with Plain T<sub>E</sub>X.* 2016-06-24. Version 0.02. LICENSE: lppl. The package provides a version of that avoids loading the graphics bundle's (original) package, which clashes with ' use of .  
URL: <https://ctan.org/pkg/pst-graphics>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-graphics>
  - *The pst-hsb package. Curves with continuous colours.* 2021-12-18. Version 0.02. LICENSE: lppl. This is a -related package. It can plot lines and/or curves with continuous colours. Only colours defined in the hsb model are supported  
URL: <https://ctan.org/pkg/pst-hsb>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-hsb>
  - *The pst-knot package. PSTricks package for displaying knots.* 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-knot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-knot>
  - *The pst-lsystem package. Create images based on a L-system.* 2018-12-31. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-lsystem>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lsystem>
  - *The pst-poker package. Drawing poker cards.* 2020-01-21. Version 0.03a. LICENSE: lgpl3. This related package can create poker cards in various manners.  
URL: <https://ctan.org/pkg/pst-poker>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poker>
  - *The pst-support package. Assorted support files for use with PSTricks.* 2016-06-24. LICENSE: lppl. An appropriate set of job options, together with process scripts for use with /  
URL: <https://ctan.org/pkg/pst-support>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/pst-support>
  - *The pst-tools package. PSTricks support functions.* 2021-09-24. Version 0.12. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-tools>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tools>
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>
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URL: <https://ctan.org/pkg/pstricks-examples>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_6\\_de](https://mirror.ctan.org/info/examples/PSTricks_6_de)
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MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)
- *The pstricks-examples-en package. Examples from PSTricks book (English edition).* 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pstricks-examples-en>  
MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)
  - *The schola-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre schola.* 2022-11-02. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/schola-otf>  
MIRROR: <https://mirror.ctan.org/fonts/schola-otf>
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URL: <https://ctan.org/pkg/spark-otf>  
MIRROR: <https://mirror.ctan.org/fonts/spark-otf>
  - *The tabulars-e package. Examples from the book "Typesetting tables with L<sup>A</sup>T<sub>E</sub>X".* 2020-06-07. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/tabulars-e>  
MIRROR: <https://mirror.ctan.org/info/examples/tabulars-e>
  - *The termes-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Termes.* 2022-10-17. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/termes-otf>  
MIRROR: <https://mirror.ctan.org/fonts/termes-otf>
  - *The unitconv package. Convert a length into one with another unit.* 2020-05-13. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/unitconv>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/unitconv>
  - *The voss-mathcol package. Typesetting mathematics in colour, in (La)T<sub>E</sub>X.* 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/voss-mathcol>  
MIRROR: <https://mirror.ctan.org/info/math/voss/mathCol>
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URL: <https://ctan.org/pkg/voss-mathmode>  
MIRROR: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>
  - *The xfakebold package. Fake a regular font for bold characters.* 2020-06-24. Version 0.08. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xfakebold>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfakebold>
  - *The xhfill package. Extending \hrulefill.* 2016-06-24. Version 1.01. LICENSE: lppl. The package provides extended macros for the default command. It allows modification of the width and the colour of the line.  
URL: <https://ctan.org/pkg/xhfill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xhfill>
  - *The xindex package. Unicode compatible index generation.* 2022-09-20. Version 0.45. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xindex>  
MIRROR: <https://mirror.ctan.org/indexing/xindex>
  - *The xurl package. Allow URL breaks at any alphanumerical character.* 2022-01-09. Version 0.10. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xurl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xurl>
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URL: <https://ctan.org/pkg/pst-tree>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>
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URL: <https://ctan.org/pkg/pstricks-base>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/base>
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MIRROR: <https://mirror.ctan.org/fonts/dantelogo>
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URL: <https://ctan.org/pkg/pst-circ>  
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 URL: <https://ctan.org/pkg/pst-shell>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>
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 URL: <https://ctan.org/pkg/pst-spinner>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spinner>
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 URL: <https://ctan.org/pkg/dtk>  
 MIRROR: <https://mirror.ctan.org/usergrps/dante/dtk>
- *The xltabular package. Longtable support with possible X-column specifier*. 2020-11-04. Version 0.2e. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xltabular>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xltabular>
- Voß, Herbert and Dominique Rodriguez. *The pstricks-add package. A collection of add-ons and bugfixes for PSTricks*. 2022-11-21. Version 3.93. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstricks-add>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pstricks-add>
- Voß, Herbert and Timothy Van Zandt. *The pst-coil package. A PSTricks package for coils, etc*. 2022-04-06. Version 1.07. LICENSE: lppl. Pst-coil is a based package for coils and zigzags and for coil and zigzag node connections.  
 URL: <https://ctan.org/pkg/pst-coil>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-coil>
- *The pst-eps package. Create EPS files from PSTricks figures*. 2016-06-24. Version 1.0. LICENSE: lppl. Pst-eps is a -based package for exporting PSTricks images ‘on the fly’ to encapsulated PostScript (EPS) image files, which can then be read into a document in the usual way.  
 URL: <https://ctan.org/pkg/pst-eps>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eps>
  - *The pst-grad package. Filling with colour gradients, using PSTricks*. 2016-06-24. Version 1.06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-grad>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-grad>
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 URL: <https://ctan.org/pkg/pst-text>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-text>
- Voß, Jakob. *The acroterm package. Manage and index acronyms and terms*. 2021-08-26. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acroterm>  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
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 URL: <https://ctan.org/pkg/flexipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flexipage>

- *The sidenotesplus package. Place referenced notes, alerts, figures and tables into the document margin.* 2022-07-09. Version 1.02. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/sidenotesplus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
- Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns.* 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.  
URL: <https://ctan.org/pkg/slhyph>  
MIRROR: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
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URL: <https://ctan.org/pkg/matc3>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks.* 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of , with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
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URL: <https://ctan.org/pkg/akshar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/barcodes-vulis>  
MIRROR: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
- *The weekday package. Generate "day of week".* 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/weekday>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code.* 2021-09-16. Version 1.2. LICENSE: lgpl  
URL: <https://ctan.org/pkg/businesscard-qrcode>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
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URL: <https://ctan.org/pkg/inline-images>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
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URL: <https://ctan.org/pkg/biblatex-license>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
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URL: <https://ctan.org/pkg/catdoc>  
MIRROR: <https://mirror.ctan.org/support/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to "today".* 2016-06-24. LICENSE: lppl1.3. Provides macros which can add a specified number of days to the current date (as specified in ), to save, set and restore the 'current date' and to print it. Intended use is, for example, in invoices "payable within 14 days from today", etc. The package has only been tested with Czech dates.  
URL: <https://ctan.org/pkg/advdate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/cnbwp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
- *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
URL: <https://ctan.org/pkg/drawing>  
MIRROR: <https://mirror.ctan.org/graphics/drawing>
- *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.  
URL: <https://ctan.org/pkg/ean13isbn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>

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 URL: <https://ctan.org/pkg/fillform>  
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 URL: <https://ctan.org/pkg/makebarcode>  
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  - *The ocr-b-outline package. OCR-B fonts in Type 1 and OpenType*. 2016-06-24. LICENSE: other-free. The package contains OCR-B fonts in Type1 and OpenType formats. They were generated from the Metafont sources of the . The metric files are not included here, so that original ocr-b package should also be installed.  
 URL: <https://ctan.org/pkg/ocr-b-outline>  
 MIRROR: <https://mirror.ctan.org/fonts/ocr-b-outline>
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 URL: <https://ctan.org/pkg/xevlna>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/xevlna>
  - *The zwgetfdate package. Get package or file date*. 2017-04-18. LICENSE: lpl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.  
 URL: <https://ctan.org/pkg/zwgetfdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwgetfdate>
  - *The zwpagelayout package. Page layout and crop-marks*. 2022-04-18. Version 1.4e. LICENSE: lpl  
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 URL: <https://ctan.org/pkg/ocr-a>  
 MIRROR: <https://mirror.ctan.org/fonts/ocr-a>
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 URL: <https://ctan.org/pkg/sines>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
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 URL: <https://ctan.org/pkg/scorecard>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scorecard.tex>
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 MIRROR: <https://mirror.ctan.org/support/hp2pl>



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URL: <https://ctan.org/pkg/ljmetrics>  
MIRROR: <https://mirror.ctan.org/fonts/ljmetrics>
- *The macfont package. Convert Apple type 1 fonts for use under Windows.* 2016-06-24. Version 1.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/macfont>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/macfont>
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URL: <https://ctan.org/pkg/mhack>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/mhack.tex>
- *The pkbbox package. Derive glyph bounding boxes by building PK file.* 2016-06-24. LICENSE: noinfo. The author found that AFM files generated by lacked glyph bounding box information, so that they are not much use for generating TFM files. This package proceeds by generating a PK file from the Type 1 font by use of , and then using information from that to generate a more nearly valid AFM file from the original.  
URL: <https://ctan.org/pkg/pkbbox>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/pkbbox>
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URL: <https://ctan.org/pkg/dvipdfm>  
MIRROR: <https://mirror.ctan.org/dviware/dvipdfm>
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MIRROR: <https://mirror.ctan.org/info/tex-references>
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MIRROR: <https://mirror.ctan.org/systems/win32/TeXnicCenter>
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URL: <https://ctan.org/pkg/onedown>  
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URL: <https://ctan.org/pkg/anttvf>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/anttvf>
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URL: <https://ctan.org/pkg/euro-ce>  
MIRROR: <https://mirror.ctan.org/fonts/euro-ce>
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URL: <https://ctan.org/pkg/font-selection>  
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- *The sectionbox package. Create fancy boxed ((sub)sub)sections.* 2016-06-24. Version 1.01. LICENSE: lppl. Sectionbox is a L<sup>A</sup>T<sub>E</sub>X package for putting fancy colored boxes around sections, subsections, and subsubsections, especially for use in posters, etc. It was designed with the class in mind, and certainly works with that class and with derived classes.  
 URL: <https://ctan.org/pkg/sectionbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbox>
  - *The wallpaper package. Easy addition of wallpapers (background images) to L<sup>A</sup>T<sub>E</sub>X documents, including tiling.* 2016-06-24. Version 1.10. LICENSE: lppl. This collection contains files to add wallpapers (background images) to L<sup>A</sup>T<sub>E</sub>X documents. It uses the package, but provides simple commands to include effects such as tiling. An example is provided, which works under both L<sup>A</sup>T<sub>E</sub>X and pdfL<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/wallpaper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wallpaper>
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 URL: <https://ctan.org/pkg/barcodes>  
 MIRROR: <https://mirror.ctan.org/fonts/barcodes/willadt>
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 URL: <https://ctan.org/pkg/labelmag>  
 MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/labelmag>
  - *The latexwizard package. Create the header of a L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. Version 1.0 beta 4. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/latexwizard>  
 MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/latexwizard>
  - *The pdfflatexpicscale package. Support software for downscaling graphics to be included by pdfL<sup>A</sup>T<sub>E</sub>X.* 2018-02-12. Version 0.32. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pdfflatexpicscale>  
 MIRROR: <https://mirror.ctan.org/support/pdfflatexpicscale>
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- Williams, Peter. *The harvard-obsolete package. The Harvard bibliography style family.* 2018-12-22. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/harvard-obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete/biblio/bibtex/contrib/harvard>
- *The williams package. Miscellaneous macros by Peter Williams.* 2018-12-23. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/williams>
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 URL: <https://ctan.org/pkg/harvard>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harvard>
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 URL: <https://ctan.org/pkg/revnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revnum>
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 URL: <https://ctan.org/pkg/aramaic>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/aramaic>
- *The auncial package. Artificial Uncial manuscript book-hand font.* 2022-04-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/auncial>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/auncial>
  - *The auncial-new package. Artificial Uncial font and L<sup>A</sup>T<sub>E</sub>X support macros.* 2022-04-06. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/auncial-new>  
 MIRROR: <https://mirror.ctan.org/fonts/auncial-new>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/b1encoding>
- *The bookdb package*. A BibTeX style file for cataloguing a home library. 2016-06-24. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bookdb>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bookdb>
  - *The bookhands package*. A collection of book-hand fonts. 2017-10-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/bookhands>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands>
  - *The carolmin package*. Carolingian Miniscule manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/carolmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/carolmin>
  - *The chbibref package*. Change the Bibliography/References title. 2016-06-24. Version 1.0. LICENSE: lppl. Defines a single command, which sets whichever of and is in use. ( is used in book.cls and report.cls, and is used in article.cls.)  
URL: <https://ctan.org/pkg/chbibref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chbibref>
  - *The cypriot package*. A script which was used on Cyprus for writing Greek. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/cypriot>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/cypriot>
  - *The egothic package*. Early Gothic manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/egothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/egothic>
  - *The etruscan package*. Fonts for the Etruscan script. 2016-06-24. Version 2.1. LICENSE: lppl. The Etruscan script was in use between approximately 1000 BC and 100 AD. The font comes in mirrored forms suitable for writing either left-to-right or right-to-left (as the Etruscans did), and is provided in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/etruscan>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/etruscan>
  - *The expressg package*. Diagrams consisting of boxes, lines, and annotations. 2016-06-24. Version 1.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/expressg>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/expressg>
  - *The flatten package*. Flatten \input, etc., in a L<sup>A</sup>T<sub>E</sub>X file. 2016-06-24. LICENSE: other-free. A program to flatten a L<sup>A</sup>T<sub>E</sub>X root file by copying and ed files into the root file.  
URL: <https://ctan.org/pkg/flatten>  
MIRROR: <https://mirror.ctan.org/support/flatten>
  - *The greek4cbc package*. A Greek font from 394BC. 2016-06-24. Version 2.1. LICENSE: lppl. Provides a Greek monumental font as used on a stele in Athens in 394BC. The font consists of majuscules only and is in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/greek4cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek4cbc>
  - *The greek6cbc package*. A Greek font from the sixth century BC. 2016-06-24. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/greek6cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek6cbc>
  - *The hierog1f package*. The "poor man's" Egyptian Hieroglyphic font. 2016-06-24. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hierog1f>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/hierog1f>
  - *The humanist package*. Humanist manuscript book-hand font. 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/humanist>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/humanist>
  - *The huncial package*. Fonts based on the half Uncial manuscript book-hand. 2016-07-29. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/huncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/huncial>
  - *The inslrmaj package*. Fonts based on the Insular Majuscule manuscript book-hand. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/inslrmaj>  
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URL: <https://ctan.org/pkg/inslrmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmin>

- *The iso package*. Generic ISO standards typesetting macros. 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/iso>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
- *The iso10303 package*. Typesetting the STEP standards. 2016-06-24. Version 1.5. LICENSE: lppl. Class and package files building on for typesetting the ISO 10303 (STEP) standards. Standard documents prepared using these packages have been published by ISO.  
URL: <https://ctan.org/pkg/iso10303>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso10303>
- *The isorot package*. Rotation of document elements. 2016-06-24. LICENSE: lppl. The package is for rotation of document elements. It is a combination of the package and an extension of the package. The package is designed for use with the but may be used with any normal class.  
URL: <https://ctan.org/pkg/isorot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isorot>
- *The linearb package*. Linear B script used in the Bronze Age for Mycenaean Greek. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/linearb>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/linearb>
- *The ltx2x package*. Replace L<sup>A</sup>T<sub>E</sub>X commands in a document by user-defined strings. 2016-06-24. Version 0.92. LICENSE: lppl  
URL: <https://ctan.org/pkg/ltx2x>  
MIRROR: <https://mirror.ctan.org/support/ltx2x>
- *The metafp package*. Some Experiences in Running Metafont and MetaPost. 2016-06-18. LICENSE: nosource  
URL: <https://ctan.org/pkg/metafp>  
MIRROR: <https://mirror.ctan.org/info/metafont/metafp>
- *The nabatean package*. Font for Nabatean script. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/nabatean>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/nabatean>
- *The oands package*. Glyphs used when transliterating ancient scripts. 2016-06-18. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/oands>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/oands>
- *The oldprsn package*. Fonts old Persian cuneiform script. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/oldprsn>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/oldprsn>
- *The pacioli package*. Fonts designed by Fra Luca de Pacioli in 1497. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pacioli>  
MIRROR: <https://mirror.ctan.org/fonts/pacioli>
- *The pgothic package*. Fonts based on the Gothic Textura Prescisus manuscript book-hand. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/pgothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/pgothic>
- *The phoenician package*. Fonts for the Phoenician script in use from about 1600 BC. 2016-06-24. Version 2.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/phoenician>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/phoenician>
- *The protosem package*. Fonts for proto-Semitic cuneiform script. 2016-06-24. Version 1.2. LICENSE: lppl. A font (in Type 1 format) and macros for proto-Semitic writing. This script was in use about 1600 BCE, and seems to be the oldest ancestor of most of the world's alphabets. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/protosem>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/protosem>
- *The rotunda package*. Rotunda manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/rotunda>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/rotunda>
- *The runic package*. Fonts for Anglo-Saxon futhorc script. 2016-06-24. Version 1.1. LICENSE: lppl. Fonts and macros for runic writing. The futhorc script remained in use in England until just after printing was established. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/runic>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/runic>
- Wilson, Peter R. *The rustic package*. Roman Rustic manuscript book-hand font. 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/rustic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/rustic>

- *The sqrcaps package. Square Capitals manuscript book-hand font.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/sqrcaps>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/sqrcaps>
- *The sudokubundle package. A set of sudoku-related packages.* 2016-06-24. Version 1.0a. LICENSE: lppl  
URL: <https://ctan.org/pkg/sudokubundle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sudokubundle>
- *The tgothic package. Gothic Textura Quadrata manuscript book-hand font.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/tgothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/tgothic>
- *The titlepages package. Sample titlepages, and how to code them.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/titlepages>  
MIRROR: <https://mirror.ctan.org/info/latex-samples/TitlePages>
- *The trajan package. Fonts from the Trajan column in Rome.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/trajan>  
MIRROR: <https://mirror.ctan.org/fonts/trajan>
- *The ugarite package. Fonts for Ugaritic cuneiform script.* 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/ugarite>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/ugarite>
- *The uncial package. Uncial manuscript book-hand font.* 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/uncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/uncial>
- *The webguide package. Brief Guide to L<sup>A</sup>T<sub>E</sub>X Tools for Web publishing.* 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/webguide>  
MIRROR: <https://mirror.ctan.org/info/webguide>
- Wilson, Peter R., Alan Hoenig, and David Carlisle. *The cutwin package. Cut a window in a paragraph, typeset material in it.* 2021-10-30. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cutwin>  
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- Wilson, Peter R., Vafa Khalighi, Maïeul Rouquette, and bidi-tex GitHub Organisation. *The ledarab package. Typeset scholarly editions in arabic.* 2019-09-08. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/ledarab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ledmac>
- *The ledmac package. Typeset scholarly editions.* 2018-11-28. Version 0.19.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ledmac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ledmac>
- *The ledpar package. Typeset scholarly editions in parallel texts.* 2018-11-28. Version 0.14a. LICENSE: lppl  
URL: <https://ctan.org/pkg/ledpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ledmac>
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URL: <https://ctan.org/pkg/memdesign>  
MIRROR: <https://mirror.ctan.org/info/memdesign>
- *The memfixc package. Adjustment for using hyperref in memoir documents.* 2022-11-17. Version 1.20. LICENSE: lppl  
URL: <https://ctan.org/pkg/memfixc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/memoir>
- *The memoir package. Typeset fiction, non-fiction and mathematical books.* 2022-11-17. Version 3.7.19. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/memoir>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/memoir>
- Wilson, Peter R. and Will Robertson. *The continue package. Prints ‘continuation’ marks on pages of multipage documents.* 2019-01-11. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/continue>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/continue>
- Wilson, Peter R. and Alan Stanier. *The sarabian package. Archaic South Arabian script font.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/sarabian>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/sarabian>
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 MIRROR: <https://mirror.ctan.org/fonts/archaic>
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 URL: <https://ctan.org/pkg/eqnarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnarray>
- Wirth, Hans-Christoph. *The formalar package. Create forms containing field for manual entry.* 2016-06-24. Version 1.0a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/formular>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/formular>
- Wiseman, Levi. *The chronology package. Provides a horizontal timeline.* 2016-06-24. Version 1.1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/chronology>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chronology>
- Wittenberg, Lee and Stephen Mc Kearney. *The wordweb package. Literate programming using Microsoft Word.* 2016-06-24. LICENSE: noinfo. An experimental mechanism for use with Word; a Word file is provided.  
 URL: <https://ctan.org/pkg/wordweb>  
 MIRROR: <https://mirror.ctan.org/web/wordweb>
- Wittenburg, Kim. *The uhhassignment package. A document class for typesetting homework assignments.* 2018-01-07. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/uhhassignment>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uhhassignment>
- Woch, J. *The corelpak package. Metrics, etc., for fonts distributed with Corel products.* 2016-06-24. LICENSE: other-free  
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  - *The mathfam256 package. Extend math family up to 256 for pL<sup>A</sup>T<sub>E</sub>X/upL<sup>A</sup>T<sub>E</sub>X/Lamed.* 2020-01-23. Version 0.5. LICENSE: bsd3. This package increases the upper limit of math symbols up to 256, using primitives. These primitives were originally introduced in Omega and are currently available in the following formats:  
 URL: <https://ctan.org/pkg/mathfam256>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathfam256>
  - *The platex-tools package. pL<sup>A</sup>T<sub>E</sub>X standard tools bundle.* 2022-07-31. LICENSE: bsd3. This bundle is an extended version of the bundle developed by the L<sup>A</sup>T<sub>E</sub>X team, mainly intended to support and . Currently patches for the bundle and Martin Schröder's bundle are included.  
 URL: <https://ctan.org/pkg/platex-tools>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/platex-tools>
  - *The plautopatch package. Automated patches for pL<sup>A</sup>T<sub>E</sub>X/upL<sup>A</sup>T<sub>E</sub>X.* 2022-07-31. Version 0.9q. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/plautopatch>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/plautopatch>
  - *The pxtatescale package. Patch to graphics driver for scaling in vertical direction of pT<sub>E</sub>X.* 2022-07-20. Version 0.4. LICENSE: mit  
 URL: <https://ctan.org/pkg/pxtatescale>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxtatescale>
  - *The scsnowman package. Snowman variants using TikZ.* 2019-09-02. Version 1.2d. LICENSE: bsd2  
 URL: <https://ctan.org/pkg/scsnowman>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scsnowman>
- Yamashita, Hironobu and Dag Langmyhr. *The dviinfox package. Perl script to print DVI meta information.* 2021-05-15. Version 1.06. LICENSE: mit  
 URL: <https://ctan.org/pkg/dviinfox>  
 MIRROR: <https://mirror.ctan.org/dviware/dviinfox>
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2ps>
- Yang, Jingxuan. *The hitszbeamer package. A beamer theme for Harbin Institute of Technology, ShenZhen.* 2020-04-11. Version 1.0.0. LICENSE: lpp1.3c

- URL: <https://ctan.org/pkg/hitszbeamer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/hitszbeamer>
- *The HITSZThesis package. A dissertation template for Harbin Institute of Technology, ShenZhen.* 2021-11-16. Version 3.2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hitszthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hitszthesis>
  - *The thubeamer package. A beamer theme for Tsinghua University.* 2021-11-16. Version 1.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/thubeamer>  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/matlab>
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- *The nanicolle package. Typesetting herbarium specimen labels.* 2020-08-31. Version 2.03y. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rulerbox>
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URL: <https://ctan.org/pkg/bxcalc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxcalc>
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URL: <https://ctan.org/pkg/bxcjkatype>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxcjkatype>
  - *The bxdpx-beamer package. Dvipdfmx extras for use with beamer.* 2016-12-18. Version 0.3. LICENSE: mit  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
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MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
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  - *The bxjatoucs package*. Convert Japanese character code to Unicode. 2019-10-24. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjatoucs>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
  - *The BXjscls package*. Japanese document class collection for all major engines. 2022-04-12. Version 2.7a. LICENSE: bsd2. This package provides an extended version of the Japanese document class collection provided by . While the original version supports only p<sub>L</sub>AT<sub>E</sub>X and upLa<sub>T</sub>E<sub>X</sub>, the extended version also supports pdfLa<sub>T</sub>E<sub>X</sub>, Xe<sub>L</sub>AT<sub>E</sub>X and LuaLa<sub>T</sub>E<sub>X</sub>, with the aid of suitable packages that provide capability of Japanese typesetting.  
URL: <https://ctan.org/pkg/bxjscls>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjscls>
  - *The bxnewfont package*. Enhanced \newfont command. 2022-07-31. Version 0.2b. LICENSE: mit. This package provides a new command . It is similar to the old (and deprecated) command in function, but is more compatible with NFSS. In particular, one can safely change font size after invoking a font command defined by . The new command will be useful to users who know much of the old command, but are unfamiliar with the details of NFSS.  
URL: <https://ctan.org/pkg/bxnewfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxnewfont>
  - *The bxorigcapt package*. To retain the original caption names when using Babel. 2022-07-31. Version 1.0. LICENSE: mit. This package forces the caption names (, , etc) declared by the document class in use to be used as the caption names for a specific language introduced by the Babel package.  
URL: <https://ctan.org/pkg/bxorigcapt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxorigcapt>
  - *The bxpapersize package*. Synchronize output paper size with layout paper size. 2022-04-29. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpapersize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>
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URL: <https://ctan.org/pkg/bxpdfver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
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URL: <https://ctan.org/pkg/bxtexlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
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URL: <https://ctan.org/pkg/bxwareki>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
  - *The ifptex package*. Check if the engine is p<sub>T</sub>E<sub>X</sub> or one of its derivatives. 2022-04-08. Version 2.2. LICENSE: mit. The package is a counterpart of , , etc. for the engine. The package is an alias to provided for backward compatibility.  
URL: <https://ctan.org/pkg/ifptex>  
MIRROR: <https://mirror.ctan.org/macros/generic/ifptex>
  - *The ipaex-type1 package*. IPAex fonts converted to Type-1 format Unicode subfonts. 2018-05-13. Version 0.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/ipaex-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ipaex-type1>
- Yato, Takayuki. *The jfmutil package*. Utility to process p<sub>T</sub>E<sub>X</sub>-extended TFM and VF. 2021-11-07. Version 1.3.3. LICENSE: mit. This program provides functionality to process data files (JFM and VF) that form logical fonts used in . The functions currently available include:  
URL: <https://ctan.org/pkg/jfmutil>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/jfmutil>

- *The pxbase package. Tools for use with (u)pLaTeX.* 2022-07-31. Version 1.3. LICENSE: mit. The main purpose of this package is to provide auxiliary functions which are utilized by other packages created by the same author. It also provides a few user commands to assist in creating Japanese documents using .  
URL: <https://ctan.org/pkg/pxbase>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxbase>
- *The pxchfon package. Japanese font setup for pLaTeX and upLaTeX.* 2022-07-31. Version 1.9. LICENSE: mit  
URL: <https://ctan.org/pkg/pxchfon>  
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- *The pxcjkat package. LaTeX interface for the CJK category codes of upTeX.* 2022-07-20. Version 1.4. LICENSE: mit  
URL: <https://ctan.org/pkg/pxcjkat>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxcjkat>
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URL: <https://ctan.org/pkg/pxjodel>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjodel>
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URL: <https://ctan.org/pkg/pxpgfmark>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pxpgfmark>
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URL: <https://ctan.org/pkg/zxjafont>  
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URL: <https://ctan.org/pkg/glosstex>  
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 URL: <https://ctan.org/pkg/hoffset-voffset>  
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 URL: <https://ctan.org/pkg/excalibur>  
 MIRROR: <https://mirror.ctan.org/systems/mac/support/excalibur>
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 URL: <https://ctan.org/pkg/bussproofs-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>
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 URL: <https://ctan.org/pkg/keyindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyindex>
- *The lplfitch package*. Fitch-style natural deduction proofs. 2017-04-18. Version 0.9. LICENSE: l<sup>p</sup>l1.3  
 URL: <https://ctan.org/pkg/lplfitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lplfitch>
- *The ptolemaicastronomy package*. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals). 2019-05-01. Version 1.0. LICENSE: l<sup>p</sup>l1.3c  
 URL: <https://ctan.org/pkg/ptolemaicastronomy>  
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- Zadka, Moshe. *The viiptart package*. 7pt-article class. 2016-06-24. Version 0.1. LICENSE: other-free. An article-like document class whose is 7pt rather than 10pt.  
 URL: <https://ctan.org/pkg/viiptart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/viiptart>
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 URL: <https://ctan.org/pkg/kanaparser>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/kanaparser>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elzcards>
- *The factura package*. Typeset and calculate invoices according to Venezuelan law. 2022-01-22. Version 4.32. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/factura>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/factura>
  - Zaitseff, John. *The unswthesis package*. UNSW theses. 2016-06-24. Version 1.6a. LICENSE: noinfo  
URL: <https://ctan.org/pkg/unswthesis>  
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  - Zakharevich, Ilya. *The mathsci2bibtex package*. Convert Mathsci database information to BibTeX. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mathsci2bibtex>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/mathsci2bibtex>
  - *The tex2mail package*. Converts T<sub>E</sub>X to mailable “ASCII art”. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/tex2mail>  
MIRROR: <https://mirror.ctan.org/support/tex2mail>
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URL: <https://ctan.org/pkg/figplace>  
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Provides variants of : , , , with helpful tools for using box macros and flexible verbatim macros. You can box mathematics, floats, center, flushleft, and flushright, lists, and pages.  
URL: <https://ctan.org/pkg/fancybox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
  - *The poster-mac package*. Make posters and banners with T<sub>E</sub>X. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/poster-mac>  
MIRROR: <https://mirror.ctan.org/macros/generic/poster>
  - Zandt, Timothy Van, Rolf Niepraschk, and Herbert Voß. *The multido package*. A loop facility for Generic T<sub>E</sub>X. 2018-09-15. Version 1.42.  
LICENSE: lppl. The package provides the command, which was originally designed for use with . Fixed-point arithmetic is used when working on the loop variable, so that the package is equally applicable in graphics applications like PSTricks as it is with the more common integer loops.  
URL: <https://ctan.org/pkg/multido>  
MIRROR: <https://mirror.ctan.org/macros/generic/multido>
  - Zandt, Timothy Van, Sebastian Rahtz, Denis Girou, and Herbert Voß. *The seminar package*. Make overhead slides. 2021-07-01. Version 1.63a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/seminar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seminar>
  - Zandt, Timothy Van, Michael Sharpe, and Herbert Voß. *The pst-node package*. Nodes and node connections in PSTricks. 2022-01-31. Version 1.43. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-node>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-node>
  - Zandt, Timothy Van and Herbert Voß. *The colortab package*. Shade cells of tables and halign. 2018-01-06. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/colortab>  
MIRROR: <https://mirror.ctan.org/macros/generic/colortab>
  - *The frame package*. Framed boxes for Plain T<sub>E</sub>X. 2016-06-24. Version 1.0. LICENSE: lppl. A jiffy file (taken from ) for placing a frame around a box of text. The macros also provide for typesetting an empty box of given dimensions.  
URL: <https://ctan.org/pkg/frame>  
MIRROR: <https://mirror.ctan.org/macros/generic/frame>
  - *The pst-3d package*. A PSTricks package for tilting and other pseudo-3D tricks. 2016-06-24. Version 1.10. LICENSE: lppl. The package provides basic macros that use for shadows, tilting and three dimensional representations of text or graphical objects.  
URL: <https://ctan.org/pkg/pst-3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>
  - Zandt, Timothy Van and Herbert Voß. *The pst-ovl package*. Create and manage graphical overlays. 2020-05-01. Version 0.07b. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-ovl>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ovl>
  - *The pst-plot package*. Plot data using PSTricks. 2022-11-21. Version 1.94. LICENSE: lppl. The package provides plotting of data (typically from external files), using . Plots may be configured using a wide variety of parameters.

- URL: <https://ctan.org/pkg/pst-plot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-plot>
- *The pst-tvz package. Draw trees with more than one root node, using PSTricks.* 2016-06-24. Version 1.01. LICENSE: lppl1.3. The package uses PSTricks to draw trees with more than one root node. It is similar to , though it uses a different placement algorithm.  
URL: <https://ctan.org/pkg/pst-tvz>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tvz>
  - *The twoup-gen package. Macros to print two-up.* 2020-05-09. Version 1.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/twoup-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/2up>
  - *The xcomment package. Allows selected environments to be included/excluded.* 2019-06-09. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/xcomment>  
MIRROR: <https://mirror.ctan.org/macros/generic/xcomment>
- Zandt, Timothy Van, Herbert Voß, Denis Girou, Sebastian Rahtz, and Niall Mansfield. *The fancyvrb package. Sophisticated verbatim text.* 2022-06-06. Version 4.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancyvrb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyvrb>
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URL: <https://ctan.org/pkg/l2tabu-italian>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/italian>
- Zaretskii, Eli. *The djgpp package. DJGPP-based version of T<sub>E</sub>X for MS-DOS.* 2019-09-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
- Zaslavsky, David. *The physymb package. Assorted macros for Physicists.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/physymb>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
- Zavala, Roberto Alvarez. *The nahuatl package. Render nahuatl glyphs.* 2021-10-15. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nahuatl>  
MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
- Zedler, Michael and Michael Sharpe. *The FourierNC package. Use New Century Schoolbook text with Fourier maths fonts.* 2016-06-24. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.  
URL: <https://ctan.org/pkg/fouriernc>  
MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
- Zeman, Michal. *The fnspe package. Macros for supporting mainly students of FNSPE CTU in Prague.* 2017-09-20. Version 1.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/fnspe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
- Zeng, Xiangdong. *The emoji package. Emoji support in (Lua)LaTeX.* 2021-07-17. Version 0.2.2. LICENSE: lppl1.3c. This package allows users to typeset emojis in L<sup>A</sup>T<sub>E</sub>X documents. It requires the LuaHBTeX engine, which can be called by since T<sub>E</sub>X Live 2020, or in T<sub>E</sub>X Live 2019.  
URL: <https://ctan.org/pkg/emoji>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
- *The fduthesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for Fudan University.* 2022-09-04. Version 0.8. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
  - *The firamath package. Fira sans serif font with Unicode math support.* 2020-10-15. Version 0.3.4. LICENSE: ofl. Fira Math is a sans-serif font with Unicode math support. The design of this font is based on and . Fira Math is distributed in OpenType format and can be used with the package under X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX. More support is offered by the package.  
URL: <https://ctan.org/pkg/firamath>  
MIRROR: <https://mirror.ctan.org/fonts/firamath>
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URL: <https://ctan.org/pkg/noto-emoji>  
MIRROR: <https://mirror.ctan.org/fonts/noto-emoji>

- *The twemoji-colr package. Twemoji font in COLR/CPAL layered format.* 2022-10-28. Version 0.7.0. LICENSE: cc-by-sa-4,apache2. This is a COLR/CPAL-based color OpenType font from the collection of emoji images.  
URL: <https://ctan.org/pkg/twemoji-colr>  
MIRROR: <https://mirror.ctan.org/fonts/twemoji-colr>
- *The zhlipsum package. Chinese dummy text.* 2020-04-26. Version 1.2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zhlipsum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zhlipsum>
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URL: <https://ctan.org/pkg/chs-physics-report>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chs-physics-report>
- Zhang, Linbo, Wenchang Sun, and Qing Lee. *The cjkpunct package. Adjust locations and kerning of CJK punctuation marks.* 2019-03-02. Version 4.8.4. LICENSE: lppl1.3. The package serves as a companion package for .  
URL: <https://ctan.org/pkg/cjkpunct>  
MIRROR: <https://mirror.ctan.org/language/chinese/cjkpunct>
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URL: <https://ctan.org/pkg/lstfiracode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstfiracode>
- *The zhlineskip package. Line spacing for CJK documents.* 2019-05-16. Version 1.0e. LICENSE: lppl1.3c. This package supports typesetting CJK documents. It allows users to specify the two ratios between the leading and the font size of the body text and the footnote text. For CJK typesetting, these ratios usually range from 1.5 to 1.67. This package is also capable of restoring the math leading to that of the Latin text (usually 1.2 times the font size). Finally, it is possible to achieve the style using .  
URL: <https://ctan.org/pkg/zhlineskip>  
MIRROR: <https://mirror.ctan.org/language/chinese/zhlineskip>
- Zhang, Taihao. *The lectureslides package. Combine single PDF files into one file.* 2022-03-08. Version 1.0. LICENSE: cc-by-4  
URL: <https://ctan.org/pkg/lectureslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectureslides>
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URL: <https://ctan.org/pkg/fixdif>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixdif>
- *The pangram package. A L<sup>A</sup>T<sub>E</sub>X package for testing fonts.* 2022-11-02. Version 0.0b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pangram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pangram>
- *The unimath-plain-xetex package. OpenType math support in (plain) XeTeX.* 2022-11-26. Version 0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unimath-plain-xetex>  
MIRROR: <https://mirror.ctan.org/macros/xetex/plain/unimath-plain-xetex>
- Zhang, Yue. *The fixjfm package. Fix JFM (for \*pTeX).* 2022-07-20. Version 0.8. LICENSE: knuth  
URL: <https://ctan.org/pkg/fixjfm>  
MIRROR: <https://mirror.ctan.org/macros/jptex/generic/fixjfm>
- *The ifxptex package. Detect pTeX and its derivatives.* 2017-12-27. Version 0.2. LICENSE: knuth  
URL: <https://ctan.org/pkg/ifxptex>  
MIRROR: <https://mirror.ctan.org/macros/generic/ifxptex>
- *The upzhkinsoku package. Supplementary Chinese kinsoku for Unicode \*pTeX.* 2018-04-07. Version 0.5. LICENSE: knuth  
URL: <https://ctan.org/pkg/upzhkinsoku>  
MIRROR: <https://mirror.ctan.org/macros/generic/upzhkinsoku>
- Zhao, Alick. *The beamerthemetamu package. A beamer theme for Texas A&M University.* 2019-06-21. Version 1.1. LICENSE: lppl1.3c,gpl2+  
URL: <https://ctan.org/pkg/beamerthemetamu>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemetamu>
- Zhao, Feng. *The thucoursework package. Coursework template for Tsinghua University.* 2020-09-25. Version 2.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/thucoursework>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thucoursework>
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URL: <https://ctan.org/pkg/njuthesis>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/njuthesis>

- Zhao, Yuansheng and Xiangdong Zeng. *The garamond-math package. An OTF math font matching EB Garamond*. 2022-01-03. LICENSE: ofl. Garamond-Math is an open type math font matching and . Many mathematical symbols are derived from other fonts, others are made from scratch. The metric is generated with a Python script. Issues, bug reports and other contributions are welcome.  
URL: <https://ctan.org/pkg/garamond-math>  
MIRROR: <https://mirror.ctan.org/fonts/garamond-math>
- Zheng, Wentao. *The metago package. MetaPost output of Go positions*. 2021-08-26. Version 0.9. LICENSE: lppl  
URL: <https://ctan.org/pkg/metago>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metago>
- Zheng, Zangwei. *The NJUrepo package. Reports for Nanjing University*. 2019-03-20. Version 1.1.2. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/njurepo>
- Zhennan, Li. *The CQThesis package. L<sup>A</sup>T<sub>E</sub>X Thesis Template for Chongqing University*. 2020-06-23. Version 1.50. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cquthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cquthesis>
- *The TeXProposal package. A proposal prototype for L<sup>A</sup>T<sub>E</sub>X promotion in Chinese universities*. 2018-01-06. Version 1.4. LICENSE: other-free  
URL: <https://ctan.org/pkg/texproposal>  
MIRROR: <https://mirror.ctan.org/info/texproposal>
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URL: <https://ctan.org/pkg/njustthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/njustthesis>
- Zhenzhen, Hu. *The biblatex-gb7714-2015 package. A BibL<sup>A</sup>T<sub>E</sub>X implementation of the GBT7714-2015 bibliography style for Chinese users*. 2022-11-07. Version 1.1k. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/biblatex-gb7714-2015>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-gb7714-2015>
- Zhiwei, Song. *The memory package. Containers for data in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/memory>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/memory>
- Zhou, Fangyi. *The atendofenv package. Add a custom symbol at the end of an environment*. 2022-03-08. Version 0.2. LICENSE: pd  
URL: <https://ctan.org/pkg/atendofenv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atendofenv>
- Zhou, Harry. *The notoCJKsc package. This package provides Noto CJK fonts*. 2021-09-11. Version 1.004. LICENSE: ofl  
URL: <https://ctan.org/pkg/notocjksc>  
MIRROR: <https://mirror.ctan.org/fonts/notocjksc>
- Zhytnikov, Vadim V. *The calrsfs package. Copperplate calligraphic letters in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. Provides a maths interface to the fonts.  
URL: <https://ctan.org/pkg/calrsfs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calrsfs>
- *The lhcyr package. A non-standard Cyrillic input scheme*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/lhcyr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lhcyr>
- Ziegenhagen, Uwe. *The dtk-bibliography package. Bibliography of “Die T<sub>E</sub>Xnische Komödie”*. 2022-09-05. Version 2022-03. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dtk-bibliography>  
MIRROR: <https://mirror.ctan.org/info/dtk-bibliography>
- *The varsfromjobname package. Extract variables from the name of the L<sup>A</sup>T<sub>E</sub>X file*. 2017-05-01. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/varsfromjobname>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/varsfromjobname>
- Zigliotto, Francesco. *The labyrinth package. Draw labyrinths and solution paths*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/labyrinth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labyrinth>
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URL: <https://ctan.org/pkg/countriesofeuropa>  
MIRROR: <https://mirror.ctan.org/fonts/countriesofeuropa>



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 URL: <https://ctan.org/pkg/viking>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/viking>
- Zirin, Dan. *The toc-zar package. Plain T<sub>E</sub>X table of contents macros*. 2020-08-29. LICENSE: noinfo. Stores table of contents information in a , and ships pages out of that as it fills up (producing pages with no page number).  
 URL: <https://ctan.org/pkg/toc-zar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/toc.tex>
- Živanović, Sašo. *The forest package. Drawing (linguistic) trees*. 2017-07-14. Version 2.1.5. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/forest>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/forest>
- Zivković, Dejan. *The verbments package. Syntax highlighting of source code in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 1.2. LICENSE: lpp1.2  
 URL: <https://ctan.org/pkg/verbments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbments>
- Zlatuška, Jiří. *The accents-cs package. Create a VF for the accents used in Czech/Slovak*. 2016-06-24. Version 1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/accents-cs>  
 MIRROR: <https://mirror.ctan.org/support/accents>
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 URL: <https://ctan.org/pkg/cslatex>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/cslatex.tar.gz>
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 URL: <https://ctan.org/pkg/cmslup>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/cmslup>
- *The cmtiup package. Upright punctuation with CM italic*. 2017-10-29. Version 2.1. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/cmtiup>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/cmtiup>
- Zöllner, Benjamin. *The worksheet package. Easy creation of worksheets*. 2018-08-18. Version 1.1. LICENSE: lpp1.3c. This package provides macros and an environment for easy worksheet creation: Use the environment for formatting exercises in a simple, efficient design; typeset customized and automatically numbered worksheet titles in the same way as standard L<sup>A</sup>T<sub>E</sub>X titles (using ); provide course and author information with a based automated header; conforming to different languages. (Currently English, French, and German are supported.)  
 URL: <https://ctan.org/pkg/worksheet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/worksheet>
- Zöllner, Erik. *The easyfloats package. An easier interface to insert figures, tables and other objects in L<sup>A</sup>T<sub>E</sub>X*. 2020-12-24. Version 1.0.0. LICENSE: lpp1.3. In standard L<sup>A</sup>T<sub>E</sub>X inserting objects like figures or tables requires too much knowledge for beginners and too much typing effort and hardcoding for people like me. This package aims to make insertion of figures and tables easier for both beginners and experts. Despite the term floatsin it's name it also allows to disable floating of such objects.  
 URL: <https://ctan.org/pkg/easyfloats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easyfloats>
- Zoonekynd, Vincent. *The MetaPost examples package. Example drawings using MetaPost*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/metapost-examples>  
 MIRROR: <https://mirror.ctan.org/info/metapost/examples>
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 URL: <https://ctan.org/pkg/boites>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boites>
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 URL: <https://ctan.org/pkg/croatian>  
 MIRROR: <https://mirror.ctan.org/language/croatian/fonts>
- Zucattelli, Fernando H. G. *The tikz-among-us package. Create some AmongUs characters in TikZ environments*. 2021-10-27. Version 1.2.0. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/tikz-among-us>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-among-us>



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 URL: <https://ctan.org/pkg/synttree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/synttree>
- Zwols, Yori. *The shadowtext package. Produce text with a shadow behind it*. 2016-06-24. Version 0.3. LICENSE: lppl. The package introduces a command `\shadow`, which adds a drop shadow to the text that is given as its argument. The colour and positioning of the shadow are customisable.  
 URL: <https://ctan.org/pkg/shadowtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadowtext>
- Zydowitz, O. *The ftetx package. TeX support in FTE text editor*. 2016-06-24. Version 0.04. LICENSE: artistic. A  $\TeX$  package for FTE (FTE = Folding Text Editor by Marko Macek) Adds a  $\TeX$  menu system for FTE. Changes syntax highlighting for FTE's  $\TeX$ -Mode. Runs  $\TeX$ , dvi-drivers, ispell, etc., from FTE. Calls  $\LaTeX$  help files from FTE. It is preconfigured for .  
 URL: <https://ctan.org/pkg/ftetx>  
 MIRROR: <https://mirror.ctan.org/systems/os2/ftetx/ftetx004.zip>
- Zýka, Vít. *The semaphor package. Semaphore alphabet font*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/semaphor>  
 MIRROR: <https://mirror.ctan.org/fonts/semaphor>