

# 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-a0poster,
  title      = {The \texttt{a0poster} 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/a0poster},
  url        = {https://ctan.org/pkg/a0poster},
  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 6360 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	50	I	53	J	56
K	57	L	59	M	68	N	76	O	80	P	81	Q	92	R	92	S	96	T	105
U	115	V	118	W	120	X	121	Y	124	Z	125								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	276
a2ac	AFM to AFM plus Composites	Olšák	370
a2ping	Advanced PS, PDF, EPS converter	Szabó	462
a4	Support for A4 paper sizes	Poppelier, Braams	388
a4wide	"Wide" a4 layout	Holt, Lamy	256
a5comb	Support for a5 paper sizes	Wolczko	530
aaai-named	BibTeX style for AAAI	Patel-Schneider	379
aaai	AAAI style	Patel-Schneider	379
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal 'Aalok'	Unknown	492
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	475
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	458
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	233
abc2mtex	Notate tunes stored in ABC notation	Walshaw	520
abnt	Typesetting academic works according to ABNT rules	Cherem	174
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	131
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	126
Aboensis	A late medieval OpenType cursive font	Syrjänen	459
abraces	Asymmetric over-/underbraces in maths	Grundlingh	235
abspos	Absolute placement with coffins	Hetland	251
abstbook	Books of abstracts	Havlik	245
abstr-collect	Print a collection of abstracts	Balemi	136
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	403
abstyles-babel	Adaptable styles for use with Babel	Bautista	141
abstyles-orig	Adaptable BibTeX styles	Bode	152
academicons	Font containing high quality icons of online academic profiles	Fernandes	207
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
accenti	Extra accented character macros, designed for Italian	Bosisio	154
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	544
accents	Multiple mathematical accents	Bezos López	315
accessibility	Create tagged and structured PDF files	Clifton	179
accfonts	Utilities to derive new fonts from existing ones	Smith	443
accsupp	Better accessibility support for PDF files	Oberdiek	362
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	533
achicago-bst	Chicago Manual BibTeX style	Swift	458
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	458
acm	ACM document style	Leichter	308
acmart	Class for typesetting publications of ACM	Veytsman	506
acmconf	Class for ACM conference proceedings	Vollmer	511
acmproc	Style option for ACM proceedings	Lamport	303
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	303
acro	Typeset acronyms	Niederberger	356
acroflex	Create a graphing widget in a PDF file	Story	452
acromake	Make commands for acronyms	Thompson	483
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	452
acronym	Expand acronyms at least once	Oetiker, Oberdiek	369

<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	276
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	230
AcroSort	Sort sliced image into order	Story	452
acroterm	Manage and index acronyms and terms	Voß	517
acrotex-js	JavaScript files used by acrotex and other packages	Story	452
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	452
acrotex	The AcroTeX education bundle	Story	452
acroweb	Scripts to create interactive tests from a database	Mařík	330
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	492
active-conf	Class for typesetting ACTIVE conference papers	Robertson	402
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	229
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	229
adami	A DOS system for working with Tamil	Srinivasan	448
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	140
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	269
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	223
addliga	Access basic ligatures in legacy TrueType fonts	Miller	341
addlines	A user-friendly wrapper around \enlargethispage	Robertson	402
address	Generate form letters and address labels	Wester, Damrau	524
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	442
adfathesis	Australian Defence Force Academy thesis format	Harker	244
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	396
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	396
adhocfilelist	'\listfiles' entries from the command line	Lück	320
adigraph	Augmenting directed graphs	Cappelletti	166
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	506
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	419
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	492
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	506
adobemapping	Adobe cmap and pdfmapping files	Adobe	126
adrconv	BibTeX styles to implement an address database	Kielhorn	278
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribile	448
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	147
advdate	Print a date relative to "today"	Wagner	518
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	201
aeb-minitoc	Create mini-tocs	Story	452
aeb-mlink	Multi-line links with hyperref	Story	452
aeb-mobile	Format PDF files for use on a smartphone	Story	453
AeB Pro	Items from the AeB Pro Family of Software	Story	452
aeb-tilebg	AeB Tiling Backgrounds	Story	453
aeb_dad	A drag-and-drop matching game with PDF files	Story	453
aebenvelope	The AeB Pro eEnvelope System	Story	453
AeB slicing	An image slicer	Story	452
aebXMP	Add advanced metadata to PDF files	Story	453
aecc	Almost European Concrete Roman virtual fonts	Rivera	401
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	406
aesupp	Special support for the æ character	Jørgensen	269
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	178
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	201
AFMtoPL (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	530
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	506
afterpackage	Add commands to package after it's loaded	Rozhenko	413
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	539
aguplus	Styles for American Geophysical Union	Daly	185

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aiaa	Typeset AIAA conference papers	Kleb	281
aichej	Bibliography style file for the AIChE Journal	Schaber	419
aifont	Remap Computer Modern fonts	Collins	180
ajl	BibTeX style for AJL	Nash	353
AkkTeX	A collection of packages and classes	Akkerman	127
akletter	Comprehensive letter support	Kielhorn	278
akshar	Support for syllables in the Devanagari script	Vũ	518
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	458
albatross	Find fonts that contain a given glyph	Island of TeX	262
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	150
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	196
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	197
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	491
algobox	Typeset Algobox programs	Rivaud	400
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	434
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	210
algorithmicx	The algorithmic style you always wanted	János	265
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	159
algpseudocodex	Package for typesetting pseudocode	Matt	332
algxpar	Support multiple lines pseudocode	Moreira	346
aliascnt	Alias counters	Oberdiek	362
aligned-overset	Fix alignment at \overset or \underset	Krüger	297
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	470
allegno	Automatic numbering of all equations	Thornburg	484
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	524
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	303
alltt2	Indented version of alltt	Wolczko, Lamport	530
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10	Hamid	240
	Regular to full Arabic Unicode support		
alnumsec	Alphanumeric section numbering	Küster	301
alpha-persian	Persian version of alpha.bst	Shapour	433
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	274
alphabib	Add alphabetical headers into citations	Hilléreau	252
alphalph	Convert numbers to letters	Oberdiek	362
alphanum-bst	Modified alpha BibTeX style	Thomas	483
alphanum	Sectioning commands for jura	Braun	157
alphanumb	A modification of alpha.bst	Thomas	483
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	333
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	281
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	214
altsubsup	Subscripts and superscripts with square brackets	Labbé	302
altverse	Typesetting verse	Shipunov	437
ama	AMA manual of style citations	Kort, Trickey	295
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	377
amiri	A classical Arabic typeface, Naskh style	Hosny	257
amiweb2c-guide	How to install AmiWeb2c	Finnberg	210
amiweb2c	An Amiga port of web2C	Scherer	421
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	240
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	524
amsaddr	Alter the position of affiliations in amsart	Lelong	309
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	476

<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	476
ambsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	478
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	478
amscdx	Enhanced commutative diagrams	Vermeer	505
amscs-doc	User documentation for AMS document classes	The AMS	476
amscs	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	476
amsfonts	TeX fonts from the American Mathematical Society	The AMS	476
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	252
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	476
amslatexdoc-vie...	Vietnamese translation of AMS L <sup>A</sup> T <sub>E</sub> X documentation	Huynh	260
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	476
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	207
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
amsmidx	Support for multiple indexes in AMS Classes	The AMS	476
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	478
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	338
amsppt	AMS-TeX article preprint document style	The AMS	476
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	476
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	476
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	477
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	476
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	478
amsthm	Typesetting theorems (AMS style)	The AMS	476
analogclock	An analog ticking clock package for PDF output	Randez	395
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	471
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	230
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	523
annee-scolaire	Automatically typeset the academic year (French way)	Henel	248
annot-pro	Create text, stamp and file attachment annotations	Story	453
annotate-equations	Easily annotate math equations using TikZ	John	268
annotate	A bibliography style with annotations	Unknown	492
annotation-pkg	Suppress or permit annotations to a document	Hofmann	254
annotation	A BibTeX style that processes annotations	Unknown	492
anonchap	Make chapters be typeset like sections	Robertson, Wilson	403
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	144
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	202
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	523
answers	Setting questions (or exercises) and answers	Wright, Piff	533
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	358
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	151
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	180
anti	Typeset an anti-particle in maths mode	Holmes	256
antomega	Alternative language support for Omega/Lambda	Kryukov	298
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	361
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	361
anttf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbicki	525
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	272
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	462
ansize	A simple package to set up document margins	Esser	203
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	208
aomart	Typeset articles for the Annals of Mathematics	Veytsman	506
apa	American Psychological Association format	Protopapas	390
apa6	Format documents in APA style (6th edition)	Beitzel	146
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	443

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
apa7	Format documents in APA style (7th edition)	Weiss	523
apabst	Early APA BibTeX style	Rogers	407
apacite	Citation style following the rules of the APA	Meijer	338
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	416
apalike-german	A copy of apalike.bst with German localization	Braun	158
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	398
apasoft	An APA-like style for BibTeX	Porr	388
apeqnum	Number equations by appendix	Hosek	257
apl	Fonts for typesetting APL programs	Hohti, Kanerva	256
aplweb	Literate programming in APL	Schweigert	430
apnum	Arbitrary precision numbers implemented by T <sub>E</sub> X macros	Olšák	370
appelt-chess	Chess board macros using standard fonts	Unknown	492
appendix	Extra control of appendices	Robertson, Wilson	403
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	310
appendre-a-pro...	The book “Apprendre à programmer en T <sub>E</sub> X”	Tellechea	470
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	140
apptools	Tools for customising appendices	Kuhnert	299
apxproof	Proofs in appendix	Senellart	433
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	303
arabi	(La)T <sub>E</sub> X support for Arabic and Farsi, compliant with Babel	Jabri	262
arabic-book	An Arabic book class	Alziyadi	129
arabic	Read a lower-case roman number	Selberg	432
arabicfront	Frontmatter with arabic page numbers	Bezoz López	315
arabluatex	ArabTeX for LuaLaTeX	Alessi	127
arabtex	Macros and fonts for typesetting Arabic	Lagally	302
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	173
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	246
aramaic	Fonts for Aramaic script	Wilson	526
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	171
arbeit	Typeset classwork exercises	Burkhardt	163
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	155
archaic	A collection of archaic fonts	Wilson, Zimmermann, Syropoulos	530
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	197
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	244
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	374
armtex	A system for writing in Armenian with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	184
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	436
aro-bend	Exercises in T <sub>E</sub> X, with answers	Downes	192
arosg	Support for the Bengali language	Ali	129
around-the-bend	Typeset exercises in T <sub>E</sub> X, with answers	Downes, Wilson	193
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	535
arphic	Arphic (Chinese) font packages	Lemberg	310
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	344
arraycols	New column types for array and tabular environments	Missier	342
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	436
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	436
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	307
arrow	Eplain macros for commutative diagrams	Smith	443
ArsClassica	A different view of the ClassicThesis package	Pantieri	377
artex	Make filecontents environments of non-standard files or packages	Efford	198
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	478
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	345
artthreads	Support for article threads	Story	453
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
arXivBib	Get bibliography entries from arXiv.org	Forkosh	214
arydshln	Draw dash-lines in array/tabular	Nakashima	353
asaetr	Transactions of the ASAE	Pearson	380
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	459
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	221
asc2tex	Retrieve text from screenshots	Götz	229
ascelike	Bibliography style for the ASCE	Kuhn	299
ascii-chart	An ASCII wall chart	Eijkhout	199
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	439
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	461
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	234
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	265
askinclude	Interactive use of \includeonly	Straub, Oberdiek	456
askmaps	Typeset American style Karnaugh maps	op den Brouw	160
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	312
asmejour	A template for ASME journal papers	Lienhard	312
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	141
aspell	Spell checker	Atkinson	135
assignment	A class file for typesetting homework and lab assignments	Singh	441
assoccnt	Associate counters, making them step when a master steps	Hupfer	259
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	492
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	300
astro	Astronomical (planetary) symbols	Schmitt	425
astron	BibTeX style for astronomical journals	Hogeveen	255
astyped	Verbatim environment, with rather few escapes	Unknown	492
asyfig	Commands for using Asymptote figures	Robertson	402
asymptote-by-ex...	Asymptote by example	Unknown	492
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	492
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	493
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	261
at	Short commands starting '@'	Wooding	531
atari-cstex	TeX for Atari machines	Brandt	157
atbegshi	Execute stuff at \shipout time	Oberdiek	362
atenddvi	Provides the \AtEndDvi command	Oberdiek	362
atendofenv	Add a custom symbol at the end of an environment	Zhou	543
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	471
attachfile	Attach arbitrary files to a PDF document	Pakin	374
attachfile2	Attach files into PDF	Oberdiek	362
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	458
atveryend	Hooks at the very end of a document	Oberdiek	362
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	301
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	477

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	423
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	527
auncial	Artificial Uncial manuscript book-hand font	Wilson	526
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	226
aur1	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höffner	254
aurora	Header files for dvips to make colour separations	Freeman	216
authblk	Support for footnote style author/affiliation	Daly	185
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	400
authorindex	Index citations by author names	Wettstein	524
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	512
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	402
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	422
autoalign	Align terms and members in math expressions	Tellechea	470
autobreak	Simple line breaking of long formulae	Ueda	491
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	332
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	136
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	219
autolist	More lists	Shipunov	437
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	493
automata	Finite state machines, graphs and trees in MetaPost	Puppis	390
automatica	A harvard-family BibTeX style	Balemi	136
autonum	Automatic equation references	Häcker	238
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	524
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	482
autopuncitems	Automatically punctuate lists	Ewasiuk	203
autosp	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	471
autotab	Generating tabulars from input data	Kruljac	298
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	493
autoview	Maintain a Ghostscript view of emacs buffer	Goel	226
auxhook	Hooks for auxiliary files	Oberdiek	362
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	190
aweb	Web system for programs written in Ada	Schweigert	431
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	189
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	181
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	505
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	180
<b>BBBBB</b>			
b1encoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	527
babel-albanian	Support for Albanian within babel	Bezoz López, Braams	317
babel-azerbaijani	Support for Azerbaijani within babel	Bezoz López	315
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	287
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Garea	127
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	361
babel-bosnian	Babel contrib support for Bosnian	Halilčević	239
babel-breton	Babel contributed support for Breton	Rolland	408
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezoz López, Braams	154
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	236
babel-contrib	Contributed language-support files for Babel	various authors	503



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	374
babel-czech	Babel support for Czech	Bezoz López, Braams	317
babel-danish	Babel contributed support for Danish	Bezoz López, Braams	317
babel-dutch	Babel contributed support for Dutch	Bezoz López, Braams	317
babel-english	Babel support for English	Bezoz López, Braams	317
babel-esperanto	Babel support for Esperanto	Bezoz López, Braams, Martí	318
babel-estonian	Babel support for Estonian	Vajakas, Saar	502
babel-finnish	Babel support for Finnish	Bezoz López, Braams	317
babel-french	Babel contributed support for French	Flipo	211
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	142
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	401
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	438
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	394
babel-greek	Babel support for documents written in Greek	Syropoulos, Bezoz López, Braams, Milde	461
babel-hebrew	Babel support for Hebrew	Bezoz López, Braams, Lavva, Rosendahl	318
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	462
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezoz López	131
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezoz López	287
babel-interlingua	Babel support for Interlingua	Bezoz López, Braams	317
babel-irish	Babel support for Irish	Bezoz López, Braams	317
babel-italian	Babel support for Italian text	Bezoz López, Braams, Bec- cari, Codogno	318
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	261
babel-kurmanji	Babel support for Kurmanji	Bezoz López, Braams	317
babel-latin	Babel support for Latin	Wehr, Bezoz López, Braams, Beccari	523
babel-latvian	Babel support for Latvian	Lasis, Bezoz López	305
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	487
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezoz López	287
babel-norsk	Babel support for Norwegian	Bezoz López, Braams	317
babel-occitan	Babel support for Occitan	Valmary	502
babel-piedmontese	Babel support for Piedmontese	Beccari	142
babel-polish	Babel support for Polish	Bezoz López, Braams, Schalück, Janich, Woliński	318
babel-portuges	Babel support for Portuges	Bezoz López, Braams	317
babel-romanian	Babel support for Romanian	Bezoz López, Braams, Horst, Juhasz	318
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	142
babel-russian	Russian language module for Babel	Kotelnikov	295
babel-samin	Babel support for Samin	Bezoz López, Braams, Jernsletten	318
babel-scottish	Babel support for Scottish Gaelic	Bezoz López, Braams	317
babel-serbian	Babel/Polyglossia support for Serbian	Bezoz López, Braams, Ste- fanović	318
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	158
babel-slovak	Babel support for typesetting Slovak	Bezoz López, Braams, Chle- bíková, Tesařík	318
babel-slovenian	Babel support for typesetting Slovenian	Bezoz López, Braams	317

<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	318
babel-spanglish	Simplified Spanish support for Babel	Rivera	401
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	318
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	318
babel-thai	Support for Thai within babel	Karoonboonyanan	273
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	327
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	157
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	310
babel-welsh	Babel support for Welsh	Braams, Bezós López	157
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	316
babelbib	Multilingual bibliographies	Harders, Preining	243
babeltools	Tools for dealing with Babel annoyances	Bezós López	315
babylonianum	Typeset Babylonian numerals with XeTeX	Pinson	385
backgrnd	Mark text with grey background or change bar	Schmitt	425
background	Placement of background material on pages of a document	Medina Arellano	131
backnaur	Typeset Backus Naur Form definitions	Robson	406
backref	Make hyper-references back from bibliography to citation	Oberdiek	362
backrefx	Bibliographical back referencing	Els	200
badge	Print badge labels	van Oostrum	371
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	279
bagpipe	Support for typesetting bagpipe music	Innis	261
bahyph	Hyphenation for Basque	Aguirregabiria	127
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	329
bakoma-games	BaKoMa modules for music and games	Malyshev	329
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	329
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	329
balance	Balanced two-column mode	Daly	185
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	493
balancedquotes	Code balanced quotes according to document language	Selberg	432
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	258
bangorcsthesis	Typeset a thesis at Bangor University	Gray	231
bangorexam	Typeset an examination at Bangor University	Gray	232
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	376
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	282
bar	A patched version of bar.sty	Bleser, Lang	151
barcodes-vulis	A font for making barcodes	Vulis	518
barcodes	Fonts for making barcodes	Willadt	526
bard	Celtic bardic runes font	Lüddecke	322
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	451
bargraph-js	Create bar graphs using form fields and JavaScript	Story	453
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	151
barracuda	Draw barcodes with Lua	Giacomelli	222
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	139
base	Definitive source of Plain T <sub>E</sub> X on CTAN	Knuth	287
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	223
bashkirian	Bashkirian extension to OT2 fonts	Knappen	285
basicarith	Macros for typesetting basic arithmetic	Goodman	227
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	301
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	233
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	396
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	434

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	434
basque-book	Class for book-type documents written in Basque	Ibarra	260
basque-date	Print the date in Basque	Ibarra	260
bath-bst	Harvard referencing style as recommended by the University of Bath Library	Ball	137
battleship	A L <sup>A</sup> T <sub>E</sub> X style file for typesetting Battleship logic puzzles	Kleber	282
baum	Trees, using PicTeX	Unknown	493
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	336
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	354
bbfig	Calculate and print bounding box	Batchelder, Cosell	140
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	252
bbm	"Blackboard-style" cm fonts	Robert	402
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	256
bbold	Sans serif blackboard bold	Jeffrey	266
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	434
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	408
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	299
bclogo	Creating colourful boxes with logos	Chupin	178
bdfchess	Typeset correspondence chess games	Hassel	245
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	512
beamer-rl	Right to left presentation with beamer and babel	Bou	156
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	166
beamer-verona	A theme for the beamer class	Valbusa	502
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	341
beamer2thesis	Thesis presentations using beamer	Fiandrino	208
beamerappendixnote	Create notes on appendix frames in beamer	Semken	433
beameraudience	Assembling beamer frames according to audience	Marschall	331
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	456
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	178
beamerdarkthemes	Dark color themes for beamer	Thiriet	483
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	193
beamersubframe	Reorder frames in the PDF file	Kaufmann	274
beamerswitch	Convenient mode selection in Beamer documents	Ball	137
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	383
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	369
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	339
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	258
beamertheme-focus	A minimalist presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Africa	127
beamertheme-light	A minimal beamer style	Vergnet, Goepp	505
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	511
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	331
beamertheme-phn...	A simple beamer theme	Ol	370
beamertheme-pur...	A minimalistic presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Clasen	178
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	219
Beamertheme-Sim...	Template for a simple presentation	Huang	259
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	259
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	493
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	303
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	456
beamerthemeAmur...	A new modern beamer theme	Chupin	178
beamerthemeJLTree	Contributed beamer theme	Lelong	310

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
beamerthemelalic	A beamer theme for LALIC	Moreira	346
beamerthemenirma	A Beamer theme for academic presentations	Revar	399
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	520
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	543
bearwear	Shirts to dress TikZbears	Fischer	211
beaulivre	Write your books in a colorful way	XU	534
Beebe-DVI	A modular collection of DVI processors	Beebe	144
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	142
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	213
begriff	Typeset Begriffsschrift	Parsons	379
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	440
beletter	Typeset Belgian letters	Kilfiger, Lenaerts	279
belleek	Free replacement for basic MathTime fonts	Kinch	281
bellmac	Outline scheme for form letter production	Bell	146
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	395
bengali-pandey	Support for the Bengali language	Pandey, Das	377
bera	Bera fonts	Rosenau, Dirr, Schmidt	410
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	397
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	189
bestpapers	A BibT <sub>E</sub> X package to produce lists of authors’ best papers	Veytsman	506
betababel	Insert ancient greek text coded in Beta Code	Berkemeier	148
beton	Use Concrete fonts	Jensen	267
beuron	The script of the Beuronese art school	Wehr	522
bewerbung	Typesetting job applications	Hilbig	252
bez123	Support for Bezier curves	Robertson, Wilson	404
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	408
bfh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	382
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	349
bg	Annotate backgammon matches and positions	Richter	400
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	154
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	401
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	242
bguq	Improved quantifier stroke for Begriffsschrift packages	Green	232
BHCexam	An exam class for mathematics teachers in China	Bao	138
bib-fr	French translation of classical BibT <sub>E</sub> X styles	Markey	330
bib-greek	A BibT <sub>E</sub> X style for Greek documents	Syropoulos	460
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	216
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	462
bib2m1	BibT <sub>E</sub> X to HTML/SQL/XML translator	Galland	219
bib2xhtml	Convert BibT <sub>E</sub> X Files into XHTML	Spinellis, Hull	446
BibArts	“Arts”-style bibliographical information	Baumann	141
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	244
bibcard	An XView based interface for BibT <sub>E</sub> X databases	Grossniklaus, Ogden	235
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	392
bibclean	A BibT <sub>E</sub> X prettyprinter, verifier, etc	Beebe	144
bibcop	Style checker for .bib files	Bugayenko	161
bibdb	BibT <sub>E</sub> X bibliography manager for MS-Windows and MS-DOS	Doron	192
bibentry	Full bibliography entries in the main text of a document	Daly	185
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	160
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	281
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	280
biber-linux	Biber binaries for Linux	Kime	280
biber-macos	Biber binaries for MacOS	Kime	280

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	280
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	280
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	280
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	280
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	461
biber-windows	Biber binaries for Windows	Kime	280
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	280
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	236
bibexport	Extract a BibTeX file based on a .aux file	Markey	330
bibextract	Utilities to extract BibTeX data	Beebe	144
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	380
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	353
bibfind	Prints entries in your bib file that match search string	Breivik	158
bibhtml	BibTeX support for HTML files	Gray	232
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	202
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	331
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	135
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	411
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	280
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	280
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	158
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	485
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	137
biblatex-bookin...	Manage book edited in article	Rouquette	411
biblatex-bookin...	Manage book edited in other entry type	Rouquette	411
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	512
biblatex-casper...	A simple citation style for Chinese users	Vector	504
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	396
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	532
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	218
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	411
biblatex-cv	Create a CV from BibTeX files	Shub	438
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	521
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	166
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	523
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	446
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	543
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	159
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	191
biblatex-historian	A BibLaTeX style	Gliboff	225
biblatex-ieee	IEEE style files for BibLaTeX	Wright	532
biblatex-ijjsra	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	155
biblatex-iso690	BibLaTeX style for ISO 690 standard	Hoftich	254
biblatex-jura	BibLaTeX stylefiles for German legal literature	Hard	242
biblatex-jura2	Citation style for the German legal profession	Christoph	177
biblatex-juradiss	BibLaTeX stylefiles for German law theses	Schwan, Voß	430
biblatex-license	Add license data to the bibliography	Wagner	518
biblatex-lncs	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	229



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>biblatex-lni</code>	LNI style for BibLaTeX	Kopp	294
<code>biblatex-luh-ipw</code>	BibLaTeX styles for social sciences	Heins	246
<code>biblatex-manusc...</code>	Manage classical manuscripts with BibLaTeX	Rouquette	411
<code>biblatex-mla</code>	MLA style files for BibLaTeX	Clawson	179
<code>biblatex-morenames</code>	New names for standard BibLaTeX entry type	Rouquette	411
<code>biblatex-ms</code>	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X (multiscript version)	Kime	280
<code>biblatex-multip...</code>	Load multiple datamodels in BibLaTeX	Rouquette	411
<code>biblatex-musuos</code>	A BibLaTeX style for citations in musuos.cls	Weh	522
<code>biblatex-nature</code>	BibLaTeX support for Nature	Wright	532
<code>biblatex-nejm</code>	BibLaTeX style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	129
<code>biblatex-nottsc...</code>	Citation style for the University of Nottingham	Bossert	155
<code>biblatex-opcit...</code>	Use op. cit. for the booktitle of a subentry	Rouquette	411
<code>biblatex-oxref</code>	BibLaTeX styles inspired by the Oxford Guide to Style	Ball	137
<code>biblatex-philos...</code>	Styles for using BibLaTeX for work in philosophy	Valbusa	502
<code>biblatex-phys</code>	A BibLaTeX implementation of the AIP and APS bibliography style	Wright	532
<code>biblatex-publist</code>	BibLaTeX bibliography support for publication lists	Spitzmüller	446
<code>biblatex-readbbl</code>	Read a .bbl file created by biber	Voß	512
<code>biblatex-realau...</code>	Indicate the real author of a work	Rouquette	411
<code>biblatex-sbl</code>	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	390
<code>biblatex-science</code>	BibLaTeX implementation of the Science bibliography style	Wright	532
<code>biblatex-shortf...</code>	Use short forms of fields with BibLaTeX	Rouquette	411
<code>biblatex-social...</code>	BibLaTeX-style for the social sciences at HU Berlin	Bossert	155
<code>biblatex-software</code>	BibLaTeX stylefiles for software products	Di Cosmo	182
<code>biblatex-source...</code>	References by “division” in classical sources	Rouquette	411
<code>biblatex-spbasic</code>	A BibLaTeX style emulating Springer’s old spbasic.bst	Voß	512
<code>biblatex-subseries</code>	Manages subseries with BibLaTeX	Rouquette	412
<code>biblatex-swiss...</code>	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	510
<code>biblatex-trad</code>	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	523
<code>biblatex-true-c...</code>	Correction of some limitation of the citepages=omit option of BibLaTeX styles	Rouquette	412
<code>biblatex-unified</code>	BibLaTeX implementation of the unified stylesheet for linguistics journals	von Fintel	210
<code>biblatex-vancouver</code>	Vancouver style for BibLaTeX	Mondal	345
<code>BibLaTeX</code>	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X	Lehman, Kime	308
<code>biblatex2bibitem</code>	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	135
<code>BiBLE</code>	A BibTeX library editor	Schreiber	426
<code>bibleref-french</code>	French translations for bibleref	Rouquette, Pinson	412
<code>bibleref-german</code>	German adaptation of bibleref	Waßenhoven	521
<code>bibleref-lds</code>	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	378
<code>bibleref-mouth</code>	Consistent formatting of Bible references	Parry	378
<code>bibleref-parse</code>	Specify Bible passages in human-readable format	Kuhnert	299
<code>bibleref</code>	Format bible citations	Talbot, Rouquette	468
<code>biblext</code>	Insert Bible passages by their reference	Staps	449
<code>biblio-perl</code>	System for maintaining and presenting bibliographies	Stepanyan	451
<code>biblio</code>	A collection of bibliographies	Beebe	144
<code>biblist</code>	Print a BibTeX database	Schrod	427
<code>biblook</code>	Fast searching of BibTeX files	Erickson, Beebe	202
<code>biblos</code>	CGI interface to BibTeX files	Moller	344
<code>bibmods</code>	Tighter tolerances for bibliographies	Beebe	144
<code>bibplain</code>	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	208
<code>bibsort</code>	Sort a BibTeX bibliography file	Beebe	144
<code>BibTeX-examples</code>	Examples of BibTeX usage	Beebe	144
<code>BibTeX Database...</code>	A simple interactive script to generate BibTeX Files	Gupta	237
<code>BibTeX-help</code>	VMS help file for BibTeX	Greenwade	233



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibtex-test	BibTeX testing files	Beebe	144
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	379
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	275
BibTexMng	Manipulate BibTeX database files	VNP Comp	511
bibtexperllibs	BibTeX Perl Libraries	Gossen, Veytsman	229
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	241
BibTool	A tool for manipulating BibTeX files	Neugebauer	354
bibttools	Bib management tools	Kotz, Gildea	295
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	140
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	428
bibunits	Multiple bibliographies in one document	Fernández, Hansen	207
bibutils	A collection of bibliography format convertors	Putnam	390
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	312
bibview	View BibTeX files	Jacobsen	264
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	376
bicaption	Support for bilingual captions	Sommerfeldt	445
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	434
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	276
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	276
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	276
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	276
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	276
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	276
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	276
bidstobibtex	Convert BIDS returns to BibTeX	Stone	452
bigdelim	Big delimiters in tabular or array	van Oostrum	371
bigfoot	Footnotes for critical editions	Kastrup	273
bigintcalc	Integer calculations on very large numbers	Oberdiek	362
bigints	Writing big integrals	Merciadri	338
bigsign	Making "big signs" (mini-posters)	Lingnau	313
bigstrut	Struts for opening up tabular spacing	van Oostrum	371
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	332
bigtabular	Tabulars that can split at page boundaries	Duchier	195
biihead	Underlined page headings	Shapin	433
bilingualpages	Typeset two columns in parallel	Coles	180
binarytree	Drawing binary trees using TikZ	Nikolova	359
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	273
binomexp	Calculate Pascal's triangle	Roderick	406
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	165
biocon	Typesetting biological species names	Edelman	198
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	437
biolett-bst	A BibTeX style for the journal "Biology Letters"	DeSouza	189
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	471
biolist	List observed species	Shipunov	437
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	136
bit2spr	Convert bitmaps to "sprites"	Rovner	413

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bitelist	Split list, in $\TeX$ 's mouth	Lück	320
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	483
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	271
bitpattern	Typeset bit pattern diagrams	Bourguet	156
bits	Sub-document environments in $\LaTeX$	Swift	458
bitset	Handle bit-vector datatype	Oberdiek	363
bitstrea	Support for use of Bitstream fonts	Unknown	493
bitter	The Bitter family of fonts with $\LaTeX$ support	Tennent	471
bizcard	Typeset business cards	Kirsch	281
bjfuthesis	A thesis class for Beijing Forestry University	Liu	313
blackboard	Comparison of blackboard bold fonts	Kummer	300
blackletter	A blackletter font	Unknown	493
blackletter1	T1-encoded versions of Haralambous old German fonts	Bronger	159
blanks	Macros for "fill in the blanks" forms	Varian	503
blindtext	Producing 'blind' text for testing	Lickert	312
blkarray	Extended array and tabular	Carlisle	167
blkcntrl	Block-element hooks in $\LaTeX$	Swift	458
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	521
block	A block letter style for the letter class	Huang	259
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	484
BLOpenType	A basic LuaTeX OpenType handler	Rivera	401
bloques	Generate control diagrams	Ruiz	415
blowup	Upscale or downscale all pages of a document	Niepraschk	358
blox	Draw block diagrams, using TikZ	Reish	398
blue	A document preparation system	van der Laan	301
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, $\LaTeX$ Team	169
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	446
bm2ltx	Convert a bitmap image to $\LaTeX$ code	Bontus	153
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	296
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	296
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	363
bmstu-iu8	A class for IU8 reports	Unknown	493
bmstu	A $\LaTeX$ class for Bauman Moscow State Technical University	Novikov	361
bnf-plain	Plain $\TeX$ macros for BNF grammars	Quanstrom	391
bnumexpr	Extends $\epsilon\TeX$ 's <code>\numexpr...</code> relax construct to big integers	Burnol	163
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	378
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	272
bohr	Simple atom representation according to the Bohr model	Niederberger	356
boisik	A font inspired by Baskerville design	Mitek	342
boites	Boxes that may break across pages	Zoonekynd, Malaquias	545
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	204
boldline	Heavier lines in tables	Shipunov	437
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	210
bondgraph	Create bond graph figures in $\LaTeX$ documents	Dupuis	196
bondgraphs	Draws bond graphs in $\LaTeX$ , using PGF/TikZ	Folkertsma	214
book-examples	A collection of examples from published $\TeX$ -related books	Unknown	493
book-of-common-...	Typeset in the style of "Book of Common Prayer"	Coles	180
book	A class for typesetting books	$\LaTeX$ Team	478
bookcover	A class for book covers and dust jackets	Tómacs	486
bookdb	A BibTeX style file for cataloguing a home library	Wilson	527
bookest	Extended book class	Bresciani	158
bookform	$\LaTeX$ 2.08 style for MIL STD 490 documents	McPherson	337
bookhands	A collection of book-hand fonts	Wilson	527
booklet	Aids for printing simple booklets	Robertson, Wilson	404

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	363
bookshelf	Create a nice image from a BibTeX file	Flynn	213
booktabs-de	German version of booktabs	Römer, Manderla	409
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	194
booktabs	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	201
boolexpr	A boolean expression evaluator and a switch command	Chervet	175
boondox	Mathematical alphabets derived from the STIX fonts	Sharpe	434
bophook	Provides an At-Begin-Page hook	Tinnefeld	484
borceux	Diagram macros by François Borceux	Borceux	153
border	Draw a black border around a Plain T <sub>E</sub> X page	Brister	159
bosisio	A collection of packages by Francesco Bosisio	Bosisio	154
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	439
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	439
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	374
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	431
boxit-ltx	An environment for boxing things	van der Goot	228
boxit	Draw a box around a text	Unknown	493
bpchem	Typeset chemical names, formulae, etc	Pedersen	380
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	250
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	174
bracketkey	Produce bracketed identification keys	Heibl	246
braids	Draw braid diagrams with PGF/TikZ	Stacey	448
braille	Support for braille	Park, Unruh	378
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	490
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	391
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	257
breakurl	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	166
bredzenie	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	530
breqn	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	193
bridge-pln	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	301
bridge	Typesetting bridge diagrams	van der Laan	301
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	245
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	468
brushscr	A handwriting script font	Loreti	319
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	309
bsheaders	Double-ruled chapter heading style	Loreti	319
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	233
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	439
btable	Bordered tables	van der Laan	302
bt00L	Perl library for parsing and processing BibTeX files	Ward	521
bubblesort	Bubble sorts a list	Taylor	469
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown	493
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	339
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	374
burmese	Basic Support for Writing Burmese	Reese, Lepper	397
buscard	A document style for business cards	Roth	411
business-research	Markup for the journal Business Research	Löffler, Schanz	314
businesscard-qr...	Business cards with QR-Code	Wäckerlin	518
bussproofs-extra	Extra commands for bussproofs.sty	Zach	539

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bussproofs	Proof trees in the style of the sequent calculus	Buss	165
BXbase	BX bundle base components	Yato	536
bxcalc	Extend the functionality of the calc package	Yato	536
bxcjkatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	536
bxdpx-beamer	Dvipdfmx extras for use with beamer	Yato	537
bxdvidriver	Enables specifying a driver option effective only in DVI output	Yato	537
bxeepic	Eepic facilities using pict2e	Yato	537
bxenclose	Enclose the document body with some pieces of code	Yato	537
BXghost	Ghost insertion for proper xkanjiskip	Asakura	134
BXjaholiday	Support for Japanese holidays	Asakura	134
BXjalipsum	Dummy text in Japanese	Yato	537
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	537
bxjatoucs	Convert Japanese character code to Unicode	Yato	537
BXjscls	Japanese document class collection for all major engines	Yato	537
bxnewfont	Enhanced \newfont command	Yato	537
bxorigcapt	To retain the original caption names when using Babel	Yato	537
bxpapersize	Synchronize output paper size with layout paper size	Yato	537
bxpdfver	Specify version and compression level of output PDF files	Yato	537
bxtexlogo	Additional T <sub>E</sub> X-family logos	Yato	537
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	537
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	410
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	442
bytefield	Create illustrations for network protocol specifications	Pakin	374
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	182
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	502
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	431
c2cweb	C language prettyprinter	Lemberg	310
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	394
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
cachepic	Convert document fragments into graphics	Trzeciak	488
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	439
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	236
caladea	Support for the Caladea family of fonts	Tennent	471
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	482
calcage	Calculate the age of something, in years	Schneider	426
calctab	Language for numeric tables	Giacomelli	222
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	214
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	218
calendar-Barr	A calendar document	Barr	138
calendar	A package for calendars and timetables	Bennett	147
calendarweek	Calculate the week number of a date	Hoekwater	253
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	503
calligra	Calligraphic font	Vanroose, Dachian	503
callouts	Put simple annotations and notes inside a picture	Stuetz	456
calorie	Calorie checking for dieters	Aonuma	130
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	543
cals	Multipage tables with wide range of features	Parashchenko	378
calxxxx-yyyy	Print a calendar for a group of years	Münch	348
calxxxx	Prints a card-size calendar for any year	Jankovic	265
camel	Prototype work on future citation engine	Bennett	147
cancel	Place lines through maths formulae	Arseneau	131
canoniclayout	Create canonical page layouts with memoir	Beccari	142
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	345

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
capbas	Capital baseball "matrix printer" font collection	Bloemen	151
capparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	158
capt-of	Captions on more than floats	Fairbairns, Carlisle	204
captcont	Retain float number across several floats	Cochran	179
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	204
caption	Customising captions in floating environments	Sommerfeldt	445
caption2	Superseded version of the caption package	Sommerfeldt	445
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	356
card-set	Typeset text for cardfile cards	Potuček Jr.	270
card	Print visiting cards	Balemi	137
carlisle	David Carlisle's small packages	Carlisle	167
carlito	Support for Carlito sans-serif fonts	Tennent	471
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	269
carolmin	Carolingian Minuscule manuscript book-hand font	Wilson	527
cartonaugh	A LuaL <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Bouajjaj	156
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	377
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	137
cascover	Make cassette covers	Raaijmakers	391
cases	Numbered cases environment	Arseneau	131
casiofont	Support for the Casio ClassWiz font	Munn	349
cassette-shipunov	Print labels for audio cassettes	Shipunov	437
cassette	Typeset cassette box inserts	Strip	456
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	451
caslbl	Typeset cassette labels	Besson	149
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	189
catalan	Catalan hyphenation patterns	Wierda	525
catalanbib	Bibliographic styles for use in Catalan	Fuster	218
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	526
catchfile	Catch an external file into a macro	Oberdiek	363
catchfilebetwee...	Catch text delimited by docstrip tags	Chervet	175
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	320
catdoc	Text extractor for word files	Wagner	518
catdvi	A DVI to plain text translator	Kaijanaho, Brill	271
catechis	Macros for typesetting catechisms	Goodman	227
catoptions	Preserving and recalling standard catcodes	Musa	351
causets	Draw causal set (Hasse) diagrams	Minz	342
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	408
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	142
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	143
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	264
ccaption	Continuation headings and legends for floats	Robertson, Wilson	404
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	423
cchess	Chinese chess	Richer, Mittelbach	400
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	491
CClicenses	Typeset Creative Commons licence logos	Pignalberi	385
ccool	A key-value document command parser	Rogard	407
cd	Typeset CD covers	Vigna, Lemberg	510
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	493
cdcover	Typeset CD covers	Holm Christensen	177
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	199
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	339
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	335



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cell	Bibliography style for Cell	Schneider	426
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	400
cellspace	Ensure minimal spacing of table cells	Noirel	360
cellular	Cellular table construction	Pittman	386
cellwise	Building tables one cell at a time	Borck-Elsner	153
celtic	A TikZ library for drawing celtic knots	Stacey	448
sensor	Tools for producing redacted documents	Segletes	431
centeredline	A macro for centering lines	Burnol	163
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	216
centernot	Centred \not command	Oberdiek	363
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	263
cesenaexam	A class file to typeset exams	Pacini	373
cfgguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	478
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	396
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	396
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	157
changelayout	Change the layout of individual pages and their text	Musa	351
changelog	Provides a changelog environment	Turner	490
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	404
changes	Manual change markup	Kleinod	284
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	204
chapref	Bibliography details per chapter	Knaggs	285
chapterbib	Multiple bibliographies in a document	Arseneau	131
chapterfolder	Package for working with complicated folder structures	Mathieu	332
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	471
charter	Charter fonts	Bitstream	150
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	427
chbibref	Change the Bibliography/References title	Wilson	527
cheatsheet	A simple cheatsheet class	Hinrichs	252
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	200
check	A syntax checker and tidier	Grothmann	235
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gre- gorio	172
checkend	Extend “improperly closed environment” messages	Bezoz López	315
checklab	A patch for the label-checking code	Fairbairns, Carlisle	204
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	156
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	252
chemarr	Arrows for chemists	Oberdiek	363
chemarrow	Arrows for use in chemistry	Schroeder	428
chembst	A collection of BibTeX files for chemistry journals	Schenk	421
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	421
chemcono	Support for compound numbers in chemistry documents	Schulz	429
chemexec	Creating (chemical) exercise sheets	Niederberger	356
chemfig	Draw molecules with easy syntax	Tellechea	470
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	356
chemgreek	Upright Greek letters in chemistry	Niederberger	357
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	357
chemnum	A method for numbering chemical compounds	Niederberger	357
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	535
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	207
chemscheme	Support for chemical schemes	Wright	532



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemscheme	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	439
chemsec	Automated creation of numeric entity labels	Finnerty	210
chemstruct	Structural organic chemistry	Ramek	394
chemstyle	Writing chemistry with style	Wright	532
chemsym	Macros for typing chemical symbols	Dahlgren	184
chemtex	Structural chemistry	Haas	238
chex	Adobe chess font	Renner	399
cherokee	A font for the Cherokee script	Stanier	449
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	253
chess	Fonts for typesetting chess boards	Tutelaers	490
chessboard	Print chess boards	Fischer	211
chessfss	A package to handle chess fonts	Fischer	211
chessmin	Minimal chess diagrams	Blair	150
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	451
chextras	A companion package for the Swiss typesetter	Oriet	372
chgbar	Draw change bars in the margin	Johnson	268
chhaya	Linguistic glossing in Marathi language	Unknown	493
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	301
chicago	A "Chicago" bibliography style	Glenn	225
chicagoa	"Chicago" bibliography style with annotations	Glenn	225
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	487
chifoot	Chicago-style footnote formatting	Miller	341
childdoc	Directly compile \include'd child documents	Beisert	145
china2e	Font and macros for Chinese calendar	Heyl	251
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	493
chinesechess	Typeset Chinese chess with l3draw	Geng	220
chitex	A Chinese T <sub>E</sub> X system	Chen	174
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	202
chkfloat	Warn whenever a float is placed "to far away"	Hejda	246
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	310
chktex	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	483
chletter	Class for typesetting letters to Swiss rules	Oriet	372
chngcntr	Change the resetting of counters	Robertson, Wilson	404
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	404
chomsky	Macros to typeset parsing trees	Barr	138
chordbars	Print chord grids for pop/jazz tunes	Kramm	296
chordbox	Draw chord diagrams	Franzen	215
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	275
chronology	Provides a horizontal timeline	Wiseman	530
chronosys	Drawing time-line diagrams	Long	315
chs-physics-report	Physics lab reports for Carmel High School	Zhang	542
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	440
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	297
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	471
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	306
circle	Maths mode circles for temporal logic	Barthelmann	139
circledsteps	Typeset circled numbers	Giannetti	222
circledtext	Create circled text	Geng	221
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	130
CircuiTikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt,	396
		Giannetti	
cirth	Fonts for Cirth	Habets, Grant	238
citation-style-...	Bibliography formatting with Citation Style Language	Lee	308
cite-bundle	Citation management bundle	Arseneau	132
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	131

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	211
citeref	Add reference-page-list to bibliography-items	Briel	159
citesidx	Produce a citation list for the bibliography	Buchholz	161
CJ	BibTeX style for Computer Journal	Gärtner	220
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	354
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	271
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	310
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	389
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	279
cjk	CJK language support	Lemberg	310
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	542
cjw	A bundle of packages and classes	Wynne	533
clara	A serif font family	Miller	341
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	478
classico	URW Classico fonts	Tennent	471
classics	Cite classic works	Lourenço de Lima	312
ClassicThesis	A “classically styled” thesis package	Miede	339
classif2	Biological classification tables	Shipunov	438
classlist	Record classes used in a document	Oberdiek	363
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	213
cleanthesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	304
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
clefval	Key/value support with a hash	Henel	249
cleveref	Intelligent cross-referencing	Cubitt	183
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	313
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	407
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	181
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	304
closefrm	Tidy up after reading a MetaPost file	Vieth	509
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	217
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	227
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	182
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	182
clrstrip	Place contents into a full width colour strip	Spratte	447
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	478
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	326
cm-gf	Generate GF format for CM	Ramsdell	394
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	298
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	273
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	385
cm-mf	Sources of the Computer Modern fonts	Knuth	287
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	287
cm-super	CM-Super family of fonts	Volovich	512
cm-tfm	Metric files for the Computer Modern fonts	Knuth	287
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	377
cm	Computer Modern fonts	Knuth	287
cmactex	TeX for the Macintosh	Kiffe	279
cmap	Make PDF files searchable and copyable	Volovich, Krüger	512
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	200
cmastro	Font for planetary symbols	Unknown	494
cmathbb	Computer modern mathematical blackboard bold font	Chao	172

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	423
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	382
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	225
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	244
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	244
cmdstring	Get command name reliably	Noirel	360
cmdtrack	Check used commands	Downes	193
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	479
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	468
cmll	Symbols for linear logic	Beffara	145
cmoeofont	Old English glyphs to go with Computer Modern	Bradfield	157
cmolddig	Virtual fount setup for using old style digits	McDonnell	335
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	248
cmpica	A Computer Modern Pica variant	Hosek	257
cmpj	Style for the journal Condensed Matter Physics	Shvaika	438
cms4talks	Content Management System for Talks	Nebendahl	353
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	423
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	544
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	450
cmtest	CM fonts test sources	Knuth	287
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	544
cmtt	A package for handling the cmtt font better	Wooding	531
CM Type3	Type 3 outline versions of the CM fonts	Toal	485
cmupint	Upright integral symbols for Computer Modern	Stefanović	450
cmyk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	153
cnbwp	Typeset working papers of the Czech National Bank	Wagner	518
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	357
cnoweb	Simple "quality" printing of C sources	Fox	214
cntdwn	Support for countdowns, and for clocks in any timezone	Story	453
cntformats	A different way to read counters	Niederberger	357
cntperchap	Store counter values per chapter	Hupfer	259
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	434
code	Typeset "code" in verbatim	Ferguson	207
code128	Barcode macros for the Code 128 standard	Olšák	370
codeanatomy	Typeset code with annotations	Bùi	163
codebox	Highlighted source code in a fancy box	Geng	221
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	261
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	326
codepage	Support for variant code pages	Aubord	135
codesection	Provides an environment that may be conditionally included	Pospiech	388
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	471
coffeestains	Add coffee stains to documents	Bideault	149
collcell	Collect contents of a tabular cell as argument to a macro	Scharrer	419
collect	Collect text for later re-use	Sauer	418
collectbox	Collect and process macro arguments as boxes	Scharrer	419
collref	Collect blocks of references into a single reference	Beisert	145
colonequals	Colon equals symbols	Oberdiek	363
colophon	Provides commands for producing a colophon	Goodman	227
color-edits	Colorful edits for multiple authors of a shared document	Kempe	275
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	171
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	238
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	264
colorframed	Fix color problems with the package "framed"	Burnol	163

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	358
coloring	Define missing colors by their names	Hu	258
colorist	Write your articles or books in a colorful way	XU	534
colorprofiles	Collection of free ICC profiles	Preining	389
colors	Simple colour-selection commands	Knight	287
colorsep	Color separation	Rahtz	392
colospace	Provides PDF color spaces	Bezos López	315
colortab	Shade cells of tables and halign	Van Zandt, Voß	540
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	167
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	172
colorwav	Colours by wavelength of visible light	Setzer	433
colorweb	Extend the color package colour space	Beach	141
colourchange	Colourchange	Bradley	157
combelow	Typeset "comma-below" letters, as in Romanian	Pignalberi	385
combine	Bundle individual documents into a single document	Robertson, Wilson	404
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	425
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	211
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	345
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	254
comicsans	Use Microsoft Comic Sans font	Pakin	374
comma	Formats a number by inserting commas	Carlisle	167
commodo	Expandable iteration on comma-separated and filename lists	Lück	320
commath	Mathematics typesetting support	Putschögl	390
comedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	506
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	128
comment	Selectively include/exclude portions of text	Eijkhout	199
comment_io	A Python script to comment and uncomment lines	Larsson	305
committee-font	A font designed by a committee	Unknown	494
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	391
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	157
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	520
compact-symbols	Compact lists of symbols	Sermutlu	433
compactbib	Multiple thebibliography environments	Lejay	309
compare	Compare two strings	McManus	336
competences	Track skills of classroom checks	Bares	138
complexity	Computational complexity class names	Bourke	156
components	Components of T <sub>E</sub> X	Schrod	427
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	376
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	458
computational-c...	Class for the journal Computational Complexity	Nüsken	362
computer-typese...	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	248
concmath-fonts	Concrete mathematics fonts	Vieth	509
concmath-otf	Concrete based OpenType Math font	Flipo	211
concmath	Concrete Math fonts	Vieth	509
concprog	Concert programmes	Brodnik	159
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	245
concrete	Concrete Roman fonts	Knuth	287
CondiTeXt	Define and manage conditional content	Brabant	157
confproc	A set of tools for generating conference proceedings	Verfaille	504
consdiag	A utility for OO programming documentation	Algaba	128
constants	Automatic numbering of constants	Lejay	309
conteg	Typeset multiline continued equalities	Breitner	158
context-account	A simple accounting package	Schuster	429
context-algorit...	Algorithm handling in ConTeXt	Schuster	429

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	429
context-annotation	Annotate text blocks	Schuster	429
context-bnf	A BNF module for ConTeXt	Weibull	523
context-chromato	ConTeXt macros for chromatograms	Münster	350
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	350
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	350
context-constru...	Construction plans in ConTeXt	Münster	350
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	221
context-degrade	Degrading JPEG images in ConTeXt	Münster	350
context-fancybreak	Overfull pages with ConTeXt	Schuster	429
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	328
context-fixme	Make editorial marks on a document	Schuster	429
context-french	Support for writing French in ConTeXt	Münster	350
context-fullpage	Overfull pages with ConTeXt	Schuster	430
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	399
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	340
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	239
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	350
context-layout	Show ConTeXt layouts	Gundlach	236
context-letter	ConTeXt package for writing letters	Schuster	430
context-lettrine	A ConTeXt implementation of lettrines	Hoekwater, Flipo	253
context-lilypond	Lilypond code in ConTeXt	Creutzig	183
context-mathsets	Set notation in ConTeXt	Mahajan	328
context-notes-z...	Notes on using ConTeXt MkIV	Li	312
context-rst	Process reStructuredText with ConTeXt	Gesang	221
context-ruby	Ruby annotations in ConTeXt	Schuster	430
context-sgf	A Go system in ConTeXt	Chen, Schuster	174
context-simplef...	Simplified font usage for ConTeXt	Schuster	430
context-simples...	A module for preparing presentations	Mahajan, Schmitz	328
context-taspresent	Simple presentations using ConTeXt	Schmitz	425
context-title	Place document titles	Schuster	430
context-top-ten	The "top ten" ConTeXt commands	Corsair	182
context-transli...	Transliterate text from 'other' alphabets	Gesang	221
context-typearea	Something like Koma-Script typearea	Münster	350
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	430
context-URWGara...	ConTeXt support for URW Garamond font	Münster	350
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	253
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	328
context-visualc...	Visual display of ConTeXt counters	Mahajan	328
context	The ConTeXt macro package	Hagen	238
continue	Prints 'continuation' marks on pages of multipage documents	Wilson, Robertson	529
contour	Print a coloured contour around text	Harders, Høgholm	243
contracard	Generate calling cards for dances	Whited	525
conv-xkv	Create new key-value syntax	Story	453
convbkmk	Correct latex/uplatex bookmarks in PDF created with hyperref	Tanaka	468
convert	Generate Knuthian encoding for text files	Raichle	393
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	510
cooking	Typeset recipes	Reichert	397
cookingsymbols	Symbols for recipes	Harder	242
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	223
cool	CContent-Oriented L <sup>A</sup> T <sub>E</sub> X	Setzer	433
coolfn	Typeset long legal footnotes	Granet	230
coollist	Manipulate CContent Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	433



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	433
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	218
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	374
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	533
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	471
coordsys	Draw cartesian coordinate systems	Hansen	240
copac-clean	Automatic editing of Copac/BibTeX records	Milanese	340
coptic	Coptic Fonts	Rosmorduc	410
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	392
copypaste	Copy and paste into and across documents	Lourenço de Lima	313
copyrightbox	Provide copyright notices for images in a document	van der Flaas	211
corelfonts	An installation script for Corel Ventura fonts	McClelland	335
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	485
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	530
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	471
correctmathalign	Correct spacing of the alignment in expressions	Kieda	278
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	384
corridx-latex	Correct index entries for chemical compounds	Fink	210
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	210
coseoul	Context sensitive outline elements	Teubner	475
countito	Make use of count1 to count9	Schröder, Peischl	428
countriofeurope	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	544
counttexruns	Count compilations of a document	Schneider	426
courier scaled	Provides a scaled Courier font	Schulz	429
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	261
couriertn	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	341
courseoutline	Prepare university course outlines	Gall	219
coursepaper	Prepare university course papers	Gall	219
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	294
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	374
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	447
cprog	Typeset C programs	McManus	336
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	212
cprotectinside	Use cprotect arbitrarily nested	user202729	501
cpssp	Draw protein secondary structures	Skala	442
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	295
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	520
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	543
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	276
create-struktex	Create struktex code	Lenser	311
create-theorem	Multilingual support for theorem-like environments	XU	534
creftthe	Cross referencing with proper definite articles	XU	534
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	545
crop	Support for cropmarks	Franz, Thomas	215
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	492
cropmark	Crop marks on \shipout	Eijkhout	199
cropmarks-pt	Philip Taylor’s cropmarks macros	Taylor	469



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cropmks	Add crop marks to a Plain $\text{\TeX}$ document	Taylor	469
crossrefenum	Smart typesetting of enumerated cross-references for various $\text{\TeX}$ formats	Dumont	196
crossreference	Crossreferences within documents	Filby	208
crossreftools	Expandable extraction of cleveref data	Hupfer	259
crossrefware	Scripts for working with crossref.org	Veytsman	506
crosstex	Bibliography management tool	Burgess, Sirer	163
crossword	Typeset crossword puzzles	Neugebauer	354
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	275
crudetyp	Line printer output from DVI files	Damerell	186
crumbs	Add a Navigation Path to the page header	Bugayenko	162
crw	Crossword macros for Plain $\text{\TeX}$	van der Laan	302
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	342
cryst	Font for graphical symbols used in crystallography	Müller	348
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	139
csbulletin	L <sup>A</sup> $\text{\TeX}$ class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	361
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	370
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	361
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	386
cslatex	L <sup>A</sup> $\text{\TeX}$ support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	544
csname-doc	A list of plain.tex cs names	Unknown	494
csplain	Plain $\text{\TeX}$ multilanguage support	Olšák	370
cspsfonts	Czech/Slovakian PostScript font support	Olšák, Wagner	371
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	181
csquotes	Context sensitive quotation facilities	Lehman, Wright	308
css-colors	Named colors for web-safe design	Buxbaum	165
CSTeX	Support for Czech/Slovak languages	Olšák	371
cstypo	Czech typography rules enforced through Lua $\text{\TeX}$ hooks	Haisman	239
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> $\text{\TeX}$ source	Munn, Counsell	350
csvmerge	Merge $\text{\TeX}$ code with csv data	Taylor	469
csvsimple	Simple CSV file processing	Sturm	457
csvtolatex	Link spread sheets to L <sup>A</sup> $\text{\TeX}$	Pietsch	384
csvtools	Reading data from CSV files	Talbot	462
csx	Computer Sanskrit/(Extended) coding support on MS-DOS	Wujastyk, Friedlander	533
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	187
ctablestack	Catcode table stable support	L <sup>A</sup> $\text{\TeX}$ Team	479
ctan-bibdata	Bibliography data for all CTAN packages	Voß	512
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	354
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	152
ctanbib	Export CTAN entries to bib format	Hoftich	254
ctanify	Prepare a package for upload to CTAN	Pakin	374
CTAN tools	A jiffy to search CTAN file list	Huynh	260
ctanupload	Support for users uploading to CTAN	Scharrer	419
ctex-faq	L <sup>A</sup> $\text{\TeX}$ FAQ by the Chinese $\text{\TeX}$ Society (ctex.org)	Wu	533
ctex	L <sup>A</sup> $\text{\TeX}$ classes and packages for Chinese typesetting	Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen	307
ctib4tex	Tibetan for $\text{\TeX}$ and L <sup>A</sup> $\text{\TeX}$ 2 $\epsilon$	Corff	181
ctie	C version of tie (merging Web change files)	Gilbey	223
cuisine	Typeset recipes	Cohen	179
cun	A cuneiform font	Grant	231

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	409
currency	Format currencies in a consistent way	Lejay	309
currfile	Provide file name and path of input files	Scharrer	419
currvita	Typeset a curriculum vitae	Reichert	397
curso <sub>l</sub> atex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	166
cursor	Draw a cursor in an equation	Spit	446
CurVe	A class for making curriculum vitae	Verna	505
curve2e	Extensions for package pict2e	Beccari	142
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	MacLaine-Cross	327
custom-bib	Customised BibTeX styles	Daly	185
customdice	Simple commands for drawing customisable dice	Rowlett	413
cuted	Mixing onecolumn and twocolumn modes	Tolušis	486
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	529
cv	A package for creating a curriculum vitae	Maier	328
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	229
cvss	Compute and display CVSS base scores	Vivegnis	511
CVsty	Yet another style for easy CV pagination	Pereira	382
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	427
cweb	A Web system in C	Knuth, Scherer, Levy	290
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	421
cweb-hy	Insert hyperlinks for included files	Melendez	338
cwebx	A system for Structured Software Documentation in C	van Leeuwen	308
cyber	Annotate compliance with cybersecurity requirements	Jennings	267
cybercic	“Controls in Contents” for the cyber package	Jennings	267
cyklop	The Cyclop typeface	Nowacki	361
cyriot	A script which was used on Cyprus for writing Greek	Wilson	527
cyriote	A font for ancient Cypriot Greek inscriptions	Stanier	449
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	512
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	272
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	145
cyrtug	EmTeX as distributed by CyrTUG	Goossens	228
czhyph	Hyphenation patterns for Czech	Unknown	494
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	310
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	241
dancers	Font for Conan Doyle’s “The Dancing Men”	Stanier	449
dante-book-reviews	Book reviews published in DANTE’s journal	Faulhammer	206
dantelogo	A font for DANTE’s logo	Voß, Höppner	517
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	187
dashbox	Draw dashed boxes	Thomas	483
dashrule	Draw dashed rules	Pakin	375
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	343
dateref	Manage references to experimental data	Dietrich	190
datatool	Tools to load and manipulate data	Talbot	462
datatooltk	A Java GUI for preparing datatool input	Talbot	462
datax	Import individual data from script files	Gustavsson	237
dateiliste	Extensions of the \listfiles concept	Ebermann	197
datenumber	Convert a date into a number and vice versa	Schröder	428
datepicker-pro	Create a popup datepicker using SWF	Story	453
dates	Macros for parsing date strings	Bennett	147
dates209	Flexible date macros	Clark	178
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	494
datetime	Change format of \today with commands for current time	Talbot	463
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	463

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	467
datetime2-breton	Breton language module for the datetime2 package	Talbot	463
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	463
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	463
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	467
datetime2-czech	Czech language module for the datetime2 package	Talbot	463
datetime2-danish	Danish language module for the datetime2 package	Talbot	463
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	463
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	463
datetime2-english	English language module for the datetime2 package	Talbot	463
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	463
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	463
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	502
datetime2-french	French language module for the datetime2 package	Talbot, Patience	467
datetime2-galician	Galician language module for the datetime2 package	Talbot	463
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	467
datetime2-greek	Greek language module for the datetime2 package	Talbot	463
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	463
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	463
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	464
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	195
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	467
datetime2-latin	Latin language module for the datetime2 package	Talbot	464
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	464
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	464
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	464
datetime2-polish	Polish language module for the datetime2 package	Talbot	464
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	464
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	467
datetime2-russian	Russian language module for the datetime2 package	Talbot	464
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	464
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	464
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	467
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	464
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	464
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	464
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	464
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	464
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	467
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	464
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	464
datetime2	Formats for dates, times and time zones	Talbot	463
dayofweek	Calculate day of week, phase of moon	Minow	342
DayRoman	The Day Roman typeface	Schmidt, Harcombe	423
daytime	Print time of day	Orlandini, Greenwade	372
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	377
dblfloatfix	Fixes for twocolumn floats	Høgholm	255
dblfnote	Double-column footnotes	Nakashima	353
dblfont	Blackboard bold font package	Bosisio	155
DB_process	Process database output	Eijkhout	199
dbshow	A package to store and display data with custom filters, orders, and styles	Li	311
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	137
dco	Use the DC fonts with old-style numerals	Kirsch	281
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dcounter	Support dynamic counters	Rozhenko	414
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	391
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	327
de-macro	Expand private macros in a document	Gács	219
debate	Debates between reviewers	Bugayenko	162
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	461
decision-table	An easy way to create Decision Model and Notation decision tables	Vandavelde, Pantigny	502
declare	Declare register names locally	Pittman, Burleson	386
decorule	Decorative swelled rule using font character	Flynn	213
decsci	BibTeX style for the journal Decision Sciences	Rubin	415
dectab	Align columns on a decimal point	Franklin	215
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	267
deflist	A variation on the description environment	Unknown	494
defstring	Define macros as verbatim macros	Unknown	494
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	351
dehyph-exptl	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	310
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	311
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	512
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	206
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
deleq	Flexible numbering of equations	Dahlgren	184
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	521
delim	Simplify typesetting mathematical delimiters	Majewsky	328
delimseasy	Delimiter commands that are easy to use and resize	Graham	229
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	145
delimtxt	Read and parse text tables	Pedersen	380
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	217
denisbdoc	A personal dirty package for documenting packages	Bitouzé	150
deproc	Macros for DECUS proceedings articles	Beeton	145
derivative	Nice and easy derivatives	Jensen	267
desclist	Extended “description” lists	Rozhenko	414
designcon	Develop DesignCon papers	Pupalaikis	390
detex	Strip T <sub>E</sub> X from a source file	Trinkle	488
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	236
devanagari-omega	Typeset Devanagari with Omega	Unknown	494
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	519
development	BibTeX style file for the journal Development	Eglen	199
dfgproposal	Support for writing proposals to the DFG	Kohlhase	290
dhua	German abbreviations using thin space	Lück	320
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	235
diadia	Package to keep a diabetes diary	Kleber	282
diagbox	Table heads with diagonal lines	Liu	314
diagmac	A diagram drawing package	Reynolds	399
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	475
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	181
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	222
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	477
diagxy	Diagram macros by Michael Barr	Barr	138
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	193
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	458
dice	A font for die faces	Heim	246
dichokey	Construct dichotomous identification keys	Dam	185
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	464

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dictsym	DictSym font and macro package	Schmidt, Harcombe	423
diffcoeff	Write differential coefficients easily and consistently	Parsloe	378
digestif	Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConTeXt etc.	Stoffel	452
digicap-pro	Creates captions to digital photos	Story	453
digiconfigs	Writing "configurations"	Madsen	327
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	470
dimnum	Commands for dimensionless numbers	Clemente	179
din1505	Bibliography styles for German texts	Lorenzen, Baumann	319
dinat	Bibliography style for German texts	Baumann	140
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	165
dinbrief	German letter DIN style	Braune, Gussmann	158
dingbat	Two dingbat symbol fonts	Henderson, Pakin	248
directory	An address book using BibTeX	Geuzaine	222
directtex	TeX for the Macintosh	Ricken	400
dirtree	Display trees in the style of windows explorer	Charpentier	173
dirtytalk	A package to typeset quotations easier	Klammler	281
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	297
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	491
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	329
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	506
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	541
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	269
dkhyphen	Danish hyphenation patterns	Jensen	267
dktools	Tools and libraries by Dirk Krause	Krause	296
dlfltxb	Macros related to "Introduktion til L <sup>A</sup> T <sub>E</sub> X"	Madsen	327
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	457
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	494
dnaseq	Format DNA base sequences	Pedersen	380
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	251
doafter	Do things after a group	Wooding	531
doc-pictex	A summary list of PicTeX documentation	Lück	320
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	344
docarc	Multi-user distributed bibliographic database system	Kieling	278
docassembly	Use the Acrobat JavaScript API	Story	453
docbytex	Creating documentation from source code	Olšák	371
doclicense	Support for putting documents under a license	Schneider	426
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	404
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	488
docshots	TeX samples next to their PDF Snapshots	Bugayenko	162
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	344
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	196
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	388
documentation	Documentation support for C, Java and assembler code	Morales	345
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	340
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	507
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	444
doipubmed	Special commands for use in bibliographies	Talbot	465
domitian	Drop-in replacement for Palatino	Miller	341
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	422
dosepsbin	Deal with DOS binary EPS files	Oberdiek	363
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	206
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	206
dotarrow	Extendable dotted arrows	Schneider	426
dotlessi	Provides dotless i's and j's for use in any math font	Bezos López	315
dotlessj	Generates a dot-less j	Carlisle	167



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	132
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	295
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	494
doublespace	Double space environment	Page	374
doublestroke	Typeset mathematical double stroke symbols	Kummer	300
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	494
dow	Calculate day of week from a numeric date	Unknown	494
dowith	Apply a command to a list of items	Lück	320
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	440
dox	Extend the doc package	Verna	505
dozenal	Typeset documents using base twelve numbering (also called “dozenal”)	Goodman	227
DPcircling	Decorated text boxes using TikZ	Mitsuaki	342
dpfloat	Support for double-page floats	Fox	214
dprogress	LaTeX-relevant log information for debugging	Amberg	129
dps	Create a “matching” game with a hidden message	Story	453
drac	Declare active character substitution, robustly	Henel, Noirel	249
draft	A L <sup>A</sup> T <sub>E</sub> X 2.09 style for supporting work on drafts	Baker	136
draftcopy	Identify draft copies	Vollmer	511
draftfigure	Replace figures with a white box and additional features	Bossert	155
drafthead	Mark “DRAFT” in page headers	Page	374
draftmark	Put draft marks on selected pages	Musa	351
draftwatermark	Put a grey textual watermark on document pages	Callegari	166
drama	Production-style stage script in L <sup>A</sup> T <sub>E</sub> X	Swift	458
dramatist	Typeset dramas, both in verse and in prose	Dominici	191
dratex	General drawing macros	Gurari	237
drawing	Simple drawings with Metafont	Wagner	519
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	382
drawstack	Draw execution stacks	Moy	347
drocaps	Simple dropped capitals	Shipunov	438
drftcite	Print the bibliography in “draft” mode	Arseneau	132
drm	A complete family of fonts written in Metafont	Goodman	227
droid	L <sup>A</sup> T <sub>E</sub> X support for the Droid font families	El Morabity, Matteson	345
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	416
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	166
dropcaps	Use dropped capitals to start a paragraph	Lauwers	306
dropping	Drop first letter of paragraphs	Dahlgren	184
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	190
drv	Derivation trees with MetaPost	Méhats	337
dspticks	Macros for Digital Signal Processing plots	Prandoni	388
DSSerif	A double-struck serifed font for mathematical use	Sharpe	434
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	355
dtk-bibliography	Bibliography of “Die T <sub>E</sub> Xnische Komödie”	Ziegenhagen	544
dtk	Document class for the journal of DANTE	Voß, Niepraschk	517
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	485
dtxdescribe	Describe additional object types in dtx source files	Dunn	196
DTX gallery	A small collection of minimal DTX examples	Robertson	402
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	187
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	375
ducksay	Draw ASCII art of animals saying a specified message	Spratte	447
duckuments	Create duckified dummy content	Spratte	447
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	269
duerer	Computer Duerer fonts	Hoenig	253
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	243
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	385



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	434
dvdcoll	A class for typesetting DVD archives	Kleber	282
dvgloss	Facilities for setting interlinear glossed text	Velleman	504
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	485
dvgtk	Tektronix 401x DVI previewer	Cholewo	177
dvi-economic	Save paper while printing	Verhoeven	505
dvi2bitmap	Utility to convert $\TeX$ DVI files directly to bitmaps	Gray	232
dvi2ln3	LN03 driver based on DVItyp	Rose	410
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	313
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	355
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	177
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	433
dvibook	Utilities for manipulating DVI files	Duggan	195
dvichk	List the page numbers in a DVI file	Esken	202
dviconcat	Concatenates DVI files	Unknown	494
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	158
dvivid	Convert one DVI file into another	Rokicki, Zimanyi, $\TeX$ Live	408
dvii	Extract information from a DVI file	Lewenberg	311
dvincl	Include a DVI page into MetaPost output	BOP	153
dvinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	536
dviljk	DVI to Laserjet output	Berry, Schrod, $\TeX$ Live	148
dvimerge	Merge two DVI files together	Rahtz	392
dviout	$\TeX$ previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	487
dvipaste	DVI manipulation	MacKay, Spivak	327
dvipdfm	A DVI driver to produce PDF directly	Wicks	525
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, L <sup>A</sup> $\TeX$ Team	177
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, $\TeX$ Live	177
dvipng	A fast DVI to PNG/GIF converter	Larsson	305
dvips-os2	OS/2 dvips	Kim	280
dvips-shell	A dvips Shell for MS-Windows32	Unknown	494
dvips	A DVI to PostScript driver	Rokicki, $\TeX$ Live	408
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	363
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	298
dvipsk	Convert DVI to PostScript	Rokicki, Berry	408
dvisirule	Superimpose the covered hline and vline in a L <sup>A</sup> $\TeX$ tabular/colortbl environment	Senju	433
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	490
dvusun	DVI viewer for Sun2 systems	Hutchinson	260
dvsvgm-def	Colour and Graphics support for dvsvgm	L <sup>A</sup> $\TeX$ Team	479
dvsvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesekeing	223
DVItoLN03	DVI output to Digital LN03 printer	Hamilton Kelly	275
dvitops	A DVI driver for PostScript output	Clark	178
dvitty	A plain-text output DVI driver	Lindahl	313
dvitype	Type out the content of a DVI file	Knuth	288
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	270
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	433
dynamicnumber	Dynamically typeset numbers and values in L <sup>A</sup> $\TeX$ through “symbolic links”	Pieters	384
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	208
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	179

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	336
dynmtree	Construct Dynkin tree diagrams	Setzer	433
<b>EEEE</b>			
e-french	Comprehensive L <sup>A</sup> T <sub>E</sub> X support for French-language typesetting	Gaulle, Juillerat	220
ean	Macros for making EAN barcodes	Olšák	371
ean13isbn	Print EAN13 for ISBN	Wagner	519
easing	easing functions for pgfmath	Loh	314
easy-todo	To-do notes in a document	Rada-Vilela	391
easy	A collection of easy-to-use macros	Bertolazzi	149
easybib	Simple syntax for custom bibliographies	Bertolazzi	149
easybmat	Block matrices	Bertolazzi	149
easybook	Easily typesetting Chinese theses or books	Yi	539
easyeqn	A simple package for writing equations	Bertolazzi	149
easyfig	Simplifying the use of common figures	Scharrer	419
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	545
easyformat	Easily add boldface, italics and smallcaps	Provoost	390
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	433
easylist	Lists using a single active character	Isambert, Robbers	261
easymat	A simple package for writing matrices	Bertolazzi	149
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	332
easytable	A simple package for writing tables	Bertolazzi	149
easyvector	Write vectors in a C-like fashion	Bertolazzi	149
ebezier	Device independent picture environment enhancement	Bachmaier	136
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	397
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	472
ebib	BibTeX database manager for GNU Emacs	Kremers	296
ebnf	Simple package for EBNF productions	Cugley	183
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	137
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	450
ebproof	Formal proofs in the style of sequent calculus	Beffara	145
ebsthesis	Typesetting theses for economics	Baecker	136
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	468
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	287
ecards	Electronic flash cards	Story	453
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	423
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	142
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	418
ec1tree	Trees using epic and eepic macros	Isozaki	262
eco	Oldstyle numerals using EC fonts	Kirsch	281
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	462
econlipsum	Generate sentences from economic articles	Coleman	180
Econometrica	BibTeX support for Econometrica	Border, Horny	154
econometrics	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	293
economic	BibTeX support for submitting to Economics journals	Henningsen, Wigle	250
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	406
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	382
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	238
eczar	A font family supporting Devanagari and Latin script	Unknown	494
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	290
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	265

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
edfnotes	Critical annotations to footnotes with ednotes	Lück	321
edichokey	Typeset dichotomous identification keys	Yang	536
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	220
edmac	Typeset critical editions	Lavagnino, Wujastyk	306
edmargin	Multiple series of endnotes for critical editions	Burt	164
ednotes	Typeset scholarly editions	Lück	321
eehyph	Hyphenation patterns for the Estonian language	Saar	416
eemeir	Adjust the gender of words in a document	Hansen	240
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	301
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	329
eforms	eForm support for the AcroTeX bundle	Story	453
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	400
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	373
egothic	Early Gothic manuscript book-hand font	Wilson	527
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	389
ehhline	Extend the \hhline command	Paciorek	373
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	349
eiad	Traditional style Irish fonts	Derzhanski	189
eijkhout	Victor Eijkhout's packages	Eijkhout	199
einfart	Write your articles in a simple and clear way	XU	534
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	512
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	513
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	359
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafaï	416
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	260
ekdosis	Typesetting TEI-xml compliant Critical Editions	Alessi	127
EkType-Tanka	Devanagari fonts by EkType	Unknown	494
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	304
electrumadf	Electrum ADF fonts collection	Rees	397
eledform	Define textual variants	Rouquette	412
eledmac	Typeset scholarly editions	Rouquette	412
eledpar	Typeset scholarly editions in parallel texts	Rouquette	412
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	188
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	188
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	188
elements	Provides properties of chemical elements	Niederberger	357
elhyphen	Hyphenation for Greek text	Filippou	209
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	309
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	251
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	462
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	167
elpres	A simple class for electronic presentations	Kiefel	278
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	392
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	392
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	183
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	219
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	157
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	540
emarks	Named mark registers with e-TeX	Chervet	175
embedall	Embed source files into the generated PDF	Sartori, Lichti	417
embedfile	Embed files into PDF	Oberdiek	363
embrac	Upright brackets in emphasised text	Niederberger	357

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	406
emf	Support for the EMF symbol	Jørgensen	269
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	440
emoji	Emoji support in (Lua)LaTeX	Zeng	541
emojicite	Add emojis to citations	Sixt	441
emp	”Encapsulate” MetaPost figures in a document	Ohl	370
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	256
emptypage	Make empty pages really empty	Wette	524
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	333
emtexgi	A MS-Windows shell for emTeX	Cottrell	182
entrees	Draw labelled trees, using emTeX \specials	Boegeholz	152
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	510
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	482
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olśák	371
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olśák	519
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	226
endheads	Running headers of the form ”Notes to pp.xx-yy”	Burt	164
endiagram	Easy creation of potential energy curve diagrams	Niederberger	357
endnote	Generic ”endnotes” code	Unknown	494
EndNote2bib	Convert EndNote files to BibTeX	Mathar	331
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	454
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	220
endnotesj	Japanese-style endnotes	Yamashita	535
endofproofwd	An ”end of proof” sign	Jensen	267
engord	Converts numbers to English ordinal numbers	Oberdiek	363
engpron	Helps to type the pronunciation of English words	Henel	249
engrec	Enumerate with lower- or uppercase Greek letters	Henel	249
engtlc	Support for users in Telecommunications Engineering	Fiandrino	208
engwar	Font for typesetting Tolkien Engwar script	Urban	500
enigma	Encrypt documents with a three rotor Enigma	Gesang	221
enotez	Support for end-notes	Niederberger	357
enparen	Consistent nested brackets	Oberdiek	363
enpassant	Enpassant chess font support	Fischer	211
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
enumitem-zref	Extended references to items for enumitem package	Chervet	175
enumitem	Control layout of itemize, enumerate, description	Bezos López	315
enumspec	Enumerate with extra leading character for labels	Greenwade	233
envbig	Printing addresses on envelopes	Manda, Sherman	329
envelope	Print envelopes	Sherman	437
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	402
envlab	Addresses on envelopes or mailing labels	Veytsman	507
envmath	Maths commands and environments	Bosisio	155
eolang	Formulas and graphs for the EO programming language	Bugayenko	162
eolgrab	Catch arguments delimited by end of line	Oberdiek	363
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	387
Epigrafica	A Greek and Latin font	Tsolomititis	488
epigram	Display short quotations	Hosek	257
epigraph-keys	Epigraphs using key values	McKay	336
epigraph	A package for typesetting epigraphs	Robertson, Wilson	404
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	460
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	260

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eplain	Extended plain $\TeX$ macros	Berry, Katsitadze, Sitaram	148
epmtfe	TeX environment for OS/2	Schmidt	423
eppstein-trees	Macros for producing trees	Eppstein	202
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	265
epsdice	A scalable dice "font"	Heim	246
epsf-dvipdfmx	Plain $\TeX$ file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	271
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	408
epsfig	Include Encapsulated PostScript in $\LaTeX$ documents	Rahtz, Carlisle, $\LaTeX$ Team	393
epsfig209	Obsolete graphics inclusion macros	Whaite	524
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	315
epsfx	A $\TeX$ macro package for including EPS graphics	BOP	153
epsincl	Include EPS in MetaPost figures	BOP	153
epslatex	Guide to using Encapsulated PostScript in $\LaTeX$	Reckdahl	396
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	296
epspdf-setup	epspdf with GUI installer	Kroonenberg	297
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	296
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	144
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	304
epstopdf-pkg	Call epstopdf "on the fly"	Oberdiek	363
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	525
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	454
eq-pin2corr	Add PIN security to the "Correct" button of a quiz created by exerquiz	Story	454
eq-save	Save exerquiz quizzes and resume	Story	454
eq2db	Convert a quiz to one submitted to a server-side script	Story	454
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	209
eqexam	A stand-alone exam package	Story	454
eqexpl	Align explanations for formulas	Morenko	346
eqlist	Description lists with equal indentation	Väth	503
eqmark	Generalise facilities for marking equation arrays	Nitschke	360
EqmLite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	339
eqnalign	Make eqnarray behave like align	Hejda	247
eqname	Name tags for equations	Neugebauer	354
eqnarray	More generalised equation arrays with numbering	Winkler	530
eqnarray209	A fix for $\LaTeX$ 2.09 eqnarray	Jones	268
eqnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	225
eqparbox	Create equal-widthed parboxes	Pakin	375
equationauthor	Visual equation editor	Manhiça	329
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	507
erewhon-math	Utopia based OpenType Math font	Flipo	212
erewhon	Font package derived from Heuristica and Utopia	Sharpe	434
errata	Error markup for $\LaTeX$ documents	Kohlhase	291
erw-13	Utilities based on $\LaTeX$ 3	Rogard	407
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	339
escapeTeXt	Make plain text safe for use in $\LaTeX$	Hefferon	245
esdiff	Simplify typesetting of derivatives	Saudrais	418
esieecv	Curriculum vitae for French use	Bayart	141
esindex	Typset index entries in Spanish documents	Bezos López	315
esint-type1	Font esint10 in Type 1 format	Nikunen	359
esint	Extended set of integrals for Computer Modern	Saudrais	418
esk	Package to encapsulate Sketch files in $\LaTeX$ sources	Kazimiers	274
eskd	Modern Russian typesetting	Fyodorov	218
eskdX	Modern Russian typesetting	Korikov	294
eslides	An option for article style to make slides	Denk	188



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	358
esperant	Style option for writing Esperanto texts	Knappen	285
espo	Customisation for Esperanto	Unknown	495
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	398
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	434
estcpmm	Style for Munitions Management Project Reports	Veytsman	507
esvect	Vector arrows	Saudrais	418
et	TeX-compatible editor	Collins	180
etaremun	Reverse-counting enumerate environment	Adriaens	126
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	434
etdipa	Simple, lightweight template for scientific documents	Laube	305
etex-pkg	E-TeX support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	169
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	364
etextools	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	175
ethiop-tl	Type 1 versions of Amharic fonts	Rosenau	410
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	447
etoc	Completely customisable TOCs	Burnol	163
etoolbox-de	German translation of documentation of etoolbox	Endering	201
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	308
etruscan	Fonts for the Etruscan script	Wilson	527
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	187
euclideangeometry	Draw geometrical constructions	Beccari	142
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	403
euflag	A command to reproduce the flag of the European Union	Flynn	213
eukdate	UK format dates, with weekday	Moschou	346
eukleides	A geometry drawing system	Obrecht	369
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	212
euler	Use AMS Euler fonts for math	Jensen	267
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	373
eulervm	Euler virtual math fonts	Schmidt, Harcombe	423
euproposal	A class for preparing FP7 proposals	Kohlhase	291
euro-ce	Euro and CE sign font	de Wijn	525
euro	Provide Euro values for national currency amounts	Franz	215
eurofont	Provides a command that prints a euro symbol	McDonnell	335
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	422
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	334
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	510
europs	Access to Adobe's Euro currency symbol fonts	Clausen	178
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	423
eurosym	Metafont and macros for Euro sign	Theiling	483
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	125
euxunicode	Generate Unicode characters from accented glyphs	Robertson	402
evautofl	Pages with cut lines and punch marks	Vicentini	509
evenpage	Ensure that the total number of pages is even	Bosisio	155
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	166
everysel	Provides hooks into \selectfont	Schröder, Peischl	428
everyshi	Take action at every \shipout	Schröder, Peischl	428
evweek	Weekly calendar	Vicentini	509
exam-n	Exam class, focused on collaborative authoring	Gray	232

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	160
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	237
exam	Package for typesetting exam scripts	Hirschhorn	252
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	233
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	128
example	Typeset examples for T <sub>E</sub> X courses	Schrod	427
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	462
exams	Typeset exam questions	van der Meer	337
excalibur	Macintosh spell checker	Zaccone	539
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	330
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	191
excludeonly	Prevent files being \include-ed	Luecking, Arseneau	323
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	383
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	456
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	275
exercises	Typeset exercises and solutions with automatic addition of points	Jud	270
exerquiz	Environments for defining exercises and quizzes	Story	454
exesheet	Typesetting exercise or exam sheets	Missier	342
exframe	Framework for exercise problems	Beisert	145
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	197
expdlist	Expanded description environments	Hülse, Kaspar	259
expex-acro	Wrapper for the expex package	Matter	332
expex	Linguistic examples and glosses, with reference capabilities	Frampton	215
expkv-cs	Define expandable key=val macros using expkv	Spratte	447
expkv-def	A key-defining frontend for expkv	Spratte	447
expkv-opt	Parse class and package options with expkv	Spratte	447
expkv	An expandable key=val implementation	Spratte	447
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	479
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Drucbert	194
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	249
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	527
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	343
exsheets	Create exercise sheets and exams	Niederberger	357
exsol	Exercises and solutions from the same source, into a book	Daems	184
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	260
extdash	A range of dash commands for compound words	Rozhenko	414
exteps	Include EPS figures in MetaPost	Jørgensen	269
extpfeil	Extensible arrows in mathematics	Ebermann	197
extract	Extract parts of a document and write to another document	Adriaens	126
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	258
extradefs	A miscellany of support macros	McPherson	337
extsizes	Extend the standard classes' size options	Kilfiger, May	279
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	531
facsimile	Document class for preparing faxes	Bronger	159
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	540
facture-belge-s...	Simple Belgian invoice without VAT	Sebillé	431
facture	Generate an invoice	Rouquette, Gombin	412
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	276
fakebold	A simple macro for faking bold fonts	Unknown	495
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	197
faltblat	Making Leaflets	Klöckl	285

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
familytree	Draw family trees	Senju	433
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	173
fancybox	Variants of \fbox and other games with boxes	Van Zandt	540
fancy chapters	Chapters with quotations	Heitkoetter	246
fancyfolien	Fancyhdr outline for German readers	Steffani	450
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	216
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	127
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	371
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	371
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	439
fancynum	Typeset numbers	Green	232
fancypar	Decoration of individual paragraphs	Medina Arellano	131
fancyqr	Fancy QR-Codes with TikZ	Sihler	440
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	397
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	324
fancytabs	Fancy page border tabs	Pinson	386
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	330
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	541
fandol	Four basic fonts for Chinese typesetting	Ma	326
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	394
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martín	331
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	285
fascicules	Create mathematical manuals for schools	Moritz	346
fast-diagram	Easy generation of FAST diagrams	Allais	129
fastpictex	Simple specification of PicTeX diagrams	Stauss	450
fax	Document class for preparing faxes	Rhebergen, de Jonge	400
fbf	A free Bembo-like font	Sharpe	434
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	190
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	513
fbs	BibTeX style for Frontiers in Bioscience	Suckale	457
fc-arith	Create an arithmetic flash card	Story	454
fc	Fonts for African languages	Knappen	285
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	270
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	426
fcitxdoc	Macros for use in the author's documentation	Chervet	175
fcolumm	Typesetting financial tables	Olthof	371
fdsymbol	A maths symbol font	Ummels	491
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	542
featpost	MetaPost macros for 3D	Gonçalves	227
fei	Class for academic works at FEI University Center — Brazil	De Rizzo Meneghetti	338
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	401
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	194
fetamont	Extended version of Knuth's logo typeface	Romer	409
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	454
fetchcls	Fetch the current class name	Giannotti	222
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	203
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	343
feyn	A font for in-text Feynman diagrams	Gray	232
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	311
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	370
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	233

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	162
ffslides	Freeform slides based on the article class	Wolters	531
fge	A font for Frege's Grundgesetze der Arithmetik	Green	232
fgruler	Draw rulers on the foreground or in the text	Tómacs	486
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	272
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	361
fibnum	Generate Fibonacci numbers	Oberdiek	364
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	321
fifinddo	Filtering files using T <sub>E</sub> X	Lück	321
fifo-stack	FIFO and stack implementation for package writers	Gaito	219
fig2eng	Convert fig files to English	Tobin	485
fig2lat	Convert .fig files to vector graphics	Krause	296
fig2mf	Convert fig output to Metafont	Starks	450
fig2mfpic	Convert fig output to mfpic	Tobin	485
fig2sty	Use fig as layout designer for L <sup>A</sup> T <sub>E</sub> X	Rohner	408
fig2vect	Yet another Fig to vector converter	Krause	296
fig4latex	Management of figures for large L <sup>A</sup> T <sub>E</sub> X documents	Fields	208
figbas	Mini-fonts for figured-bass notation in music	Tennent	472
FigBib	Organize figure databases with BibTeX	Poland	387
figcaps	Collect figure captions for later printing	Daly	185
figchild	Pictures for creating children's activities	de Souza Bastos	446
figflow	Flow text around a figure	Hutchinson	260
figfrag	Convert xfig figures with embedded L <sup>A</sup> T <sub>E</sub> X commands to EPS	Ditzel	191
figplace	Floating figures in Plain T <sub>E</sub> X	Zalmstra	540
figput	Create interactive figures in L <sup>A</sup> T <sub>E</sub> X	Fairman	205
figsinltx	A tutorial on figures in L <sup>A</sup> T <sub>E</sub> X 2.09	Goel	226
FigSize	Auto-size graphics	Tanbakuchi	468
fihyph	Hyphenation patterns for Finnish language	Hellgren	247
filecontents	Create an external file from within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	375
filecontentsdef	filecontents + macro + verbatim	Burnol	163
filedate	Access and compare info and modification dates	Lück	321
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	343
filehdr	Self-descriptions in file headers	Beebe	144
filehook	Hooks for input files	Scharrer	419
fileinfo	Enhanced display of L <sup>A</sup> T <sub>E</sub> X File Information	Lück	321
filemod	Provide file modification times, and compare them	Scharrer	419
fillform	Typeset answers to overprint on printed forms	Wagner	519
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	354
findhyph	Find hyphenated words in a document	Budaj	161
FiNK	The L <sup>A</sup> T <sub>E</sub> X2e File Name Keeper	Verna	505
Finomaton	Comfortably draw and typeset finite state machines	Triska	488
finplain	A Finnish version of plain.bst	Kaijanaho	271
finstrut	Adjust behaviour of the ends of footnotes	Lück	321
fira	Fira fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
firamath-otf	Use OpenType math font Fira Math	Voß	513
firamath	Fira sans serif font with Unicode math support	Zeng	542
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	202
first-latex-doc	A document for absolute L <sup>A</sup> T <sub>E</sub> X beginners	Hefferon, Pégourié-Gonnard, Berry	246
first-packages	A short list of go-to L <sup>A</sup> T <sub>E</sub> X packages, aimed at a beginner	Hefferon	245
firstline	Print the first line of a paragraph in a different font	Fox	214
firststeps-xampl	Examples from "First steps in L <sup>A</sup> T <sub>E</sub> X"	Grätzer	231
fitbox	Fit graphics on a page	Veytsman	507

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	361
FitR	Set a rectangular destination and jump to it	Story	454
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	425
fix2col	Fix miscellaneous two column mode features	Carlisle	167
fixbbl	Patch bibliographies inappropriately broken by BibTeX	Stajano	449
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	233
fixdif	Macros for typesetting differential operators	Zhang	542
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	204
fixjfm	Fix JFM (for *pTeX)	Zhang	542
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	510
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	479
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	423
Fixme	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	505
fixmetodonotes	Add notes on document development	Barabucci	138
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	230
fixpdfmag	Fix magnification in pdfTeX	Bezós López	316
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	442
fjodor	A selection of layout styles	Filipović	209
flabels	Labels for files and folders	Börchers	153
flacards	Generate flashcards for printing	Stuhrmann	457
flagderiv	Flag style derivation package	van Tilburg	484
flags	Setting and clearing of flags in bit fields	Oberdiek	364
flashcard	Typeset flash cards	Kilfiger	279
flashcards	A class for typesetting flashcards	Budge, Vernon	161
flashmovie	Directly embed flash movies into PDF files	Hartmann	244
flatex	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Har-Peled	241
flatten	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Wilson	527
fldigal	Create a Flash slide show of digital photos	Story	454
flexipage	Flexible page geometry with marginalia	Vrba	518
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	255
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	161
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	166
float	Improved interface for floating objects	Lingnau	313
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	287
floatflt	Wrap text around floats	Dahlgren	184
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	393
floatpag	Different pagestyles on float pages	Statulevičius	450
floatrow	Modifying the layout of floats	Lapko	304
flow	Draw flow diagrams in picture mode	Brown	160
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	406
flowfram	Create text frames for posters, brochures or magazines	Talbot	465
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	465
fltpage	Place caption on an adjacent page	Gross	235
fltpoint	Simple floating point arithmetic	Guthöhrlein	237
flushend	Balancing columns at last page	Tolušis	486
fmp	Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	298
fmtcount	Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats	Talbot, Belaïche	467
fn2end	Convert footnotes to endnotes	Border	154
fnbreak	Warn for split footnotes	Harders	242
fncychap	Seven predefined chapter heading styles	Lindgren	313
fncylab	Alter the format of \label references	Fairbairns, Carlisle	204
fnlineno	Number the lines of footnotes	Lück, Wette	322



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fnote	Auto-numbered footnotes in Plain $\TeX$	Unknown	495
fnpara-pln	Footnotes in paragraphs	Wujastyk	533
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	413
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	357
fnpos	Control the position of footnotes on the page	Nakashima	353
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	541
fontguide	Documentation of $\LaTeX$ font commands	$\LaTeX$ Team	479
fontproof	A programmable font test pattern generator	Luecking	323
fnumprint	Print a number in 'appropriate' format	Schneider	426
foekfont	The title font of the Mads Føk magazine	Jørgensen	269
foilhtml	Interface between foiltex and $\LaTeX$ 2HTML	Veytsman	507
foiltex	A $\LaTeX$ 2e class for overhead transparencies	Hafner	238
folio	Use folio numbers to replace page numbers	Syrjänen	459
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	269
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	190
font-change	Macros to change text and mathematics fonts in plain $\TeX$	Dhawan	189
font_selection	Font selection for plain $\TeX$	de Wijn	526
fontawesome	Font containing web-related icons	Danaux, Gandy	186
fontawesome5	Font Awesome 5 with $\LaTeX$ support	Krüger	297
fontaxes	Additional font axes for $\LaTeX$	Bühmann, Ummels	162
fontbl	A font sampler	Beeman, MacKay	145
fontbook	Generate a font book	Pinson	386
fontch	Changing fonts, sizes and encodings in Plain $\TeX$	Medina	337
fontchart	A font sampler	Lemberg	310
fontinf	An introduction to font usage in $\LaTeX$ (German)	Bezos López, Ruedas	318
fontenc	Standard package for selecting font encodings	$\LaTeX$ Team	479
fontinst	Help with installing fonts for $\TeX$ and $\LaTeX$	Hellström, Jeffrey, Rahtz, Vieth	247
fontinstallatio...	Font installation guide	Lehman	308
fontload	A partial font downloading utility	Malyshev	329
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	211
fontmfizz	Font Mfizz icons for use in $\LaTeX$	Dungs	196
fontname	Scheme for naming fonts in $\TeX$	Berry	148
fonttools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	382
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	273
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	297
fonts-tlwg	Thai fonts for $\LaTeX$ from TLWG	Karoonboonyanan	273
fontsmpl	Samples of fonts that come with $\TeX$ Live	Flynn	213
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	488
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	488
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	502
fontsmpl	Print a sample of a font	Jeffrey	266
fontspec	Advanced font selection in $X_{\LaTeX}$ and LuaLaTeX	Robertson, $\LaTeX$ Team	403
fonttable	Print font tables from a $\LaTeX$ document	Robertson, Wilson	404
fontwrap	Bind fonts to specific unicode blocks	Kamermans	272
footbib	Bibliographic references as footnotes	Domenjoud	191
footmisc	A range of footnote options	Fairbairns, Mittelbach	204
footmisx	A range of footnote options	Roucariès	411
footnote	Improve on $\LaTeX$ 's footnote handling	Wooding	531
footnotebackref	Back-references from footnotes	Lange	304
footnotehyper	hyperref aware footnote.sty	Burnol	163
footnoterange	References to ranges of footnotes	Münch	348
footnpag	Per-page numbering of footnotes	Schrod	427
forarray	Using array structures in $\LaTeX$	Schröppel	428

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
foreign	Systematic treatment of ‘foreign’ words in documents	Ratcliffe	395
forest-quickstart	Quickstart Guide for Linguists package “forest”	Vanden Wyngaerd	533
forest	Drawing (linguistic) trees	Živanović	544
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	340
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	433
formal-grammar	Typeset formal grammars	Vassor	503
format	Format a counter as a fixed-point number	Karney	272
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	229
formlett	Letters to multiple recipients	Jiang	267
forms16be	Initialize form properties using big-endian encoding	Story	454
formula	Typesetting physical units	Tille	484
formular	Create forms containing field for manual entry	Wirth	530
fortran	Print Fortran programs	Toby	486
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
fotex	Process XSL-FO	Rahtz	392
fouridx	Left sub- and superscripts in maths mode	Karrmann	273
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	541
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	215
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibT <sub>E</sub> X	Frambach	215
fp	Fixed point arithmetic	Mehlich	337
fpl	SC and OsF fonts for URW Palladio L	Stubner	456
fpT <sub>E</sub> X	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	387
fragmaster	Using psfrag with pdfLaT <sub>E</sub> X	Domingo, Vogel	191
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	540
framed	Framed or shaded regions that can break across pages	Arseneau	132
francais-bst	Bibliographies conforming to French typographic standards	Goulet	229
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibT <sub>E</sub> X styles	Swift	458
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	458
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	458
frcursive	French cursive hand fonts	Beffara	145
frederika2016	An OpenType Greek calligraphy font	Syropoulos	460
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	252
free-math-font-...	A survey of available free Mathematics fonts	Hartke	244
freetype	A full-featured font rasterizer library	Lemberg	310
frege	Typeset fregean Begriffsschrift	Pamp	377
french-translat...	French translation project	Bayart	141
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	220
frenchmath	Typesetting mathematics according to French rules	Missier	342
frenchpunct	Implement French-style spacing at punctuation	Roy	413
frenchpro	Professional typesetting of French documents	Gaulle	220
frenchquote	Make something like guillemets	Unknown	495
frhyph	French hyphenation patterns	Flipo	212
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	276
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	217
frimurer	Access to the ‘frimurer’ cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	269
frletter	Typeset letters in the French style	Andronic	130
frontespizio	Create a frontispiece for Italian theses	Gregorio	233
froufrou	Fancy section separators	Lago	302
frpseudocode	French translation for the algorithmicx package	Irwin	261
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	470
ftcap	Allows \caption at the beginning of a table-environment	Steffani	450

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ftetx	TeX support in FTE text editor	Zydowitz	545
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	484
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	344
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	277
fullbck	Left-blocking for letter class	Cloos Jr.	270
fullminipage	Minipage spanning a complete page	Schneider	425
fullpage	Set all page margins to 1.5cm	Daly	185
fullpict	Full page pictures	Shawyer	437
fullwidth	Adjust margins of text block	Daniel	186
funcan	Macros for functional analysis and PDE theory	Lejay	309
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	326
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	354
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	354
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	354
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	355
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	355
fundus-startrek	‘Startrek’ fonts, and macros to support them	Neugebauer	355
fundus-sueterlin	Sütterlin	Neugebauer	355
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	355
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	355
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	354
funnelweb	A flexible, language-independent web system	Coates	179
futhark	Fonts for the Older Futhark script	deyAvemta	189
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	377
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	507
fvextra	Extensions and patches for fancyvrb	Poore	387
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	296
fwlw	Get first and last words of a page	Arseneau	132
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	311
gaceta	A class to typeset La Gaceta de la RSME	Varona	503
gahyph	Hyphenation patterns for the Irish language	Scannell	418
galois	Typeset Galois connections	Cousot	182
gamebook	Typeset gamebooks and other interactive novels	Miede	339
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	307
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	219
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	344
garamond-libre	The Garamond Libre font face	Miller, Tennent	341
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	543
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	434
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	406
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	220
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	275
gates	Support for writing modular and customisable code	Isambert, Robbers	262
gatherenum	A crossover of align* and enumerate	Rivaud	401
gauss	A package for Gaussian operations	Kauers	274
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	293
gbrief-creator	A front end for the gbrief package	Schinke	422

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gbt7714	BibTeX implementation of China's bibliography style standard GB/T 7714-2015	Lee	308
gcard	Arrange text on a sheet to fold into a greeting card	McBane	335
gchords	Typeset guitar chords	Peeters	381
gcite	Citations in a reader-friendly style	Atkinson, Phillips	135
gckanbun	Kanbun typesetting for (u)pl <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Yamamoto	535
GELLMU	LaTeX-like markup for writing XML documents	Hammond	240
gen	Genealogy symbols	Knuth	288
gender	Gender neutrality for languages with grammatical gender	Banhardt	137
gene-logic	Typeset logic formulae, etc	Neugebauer	355
genealogy	A compilation genealogy font	Roegel	407
genealogytree	Pedigree and genealogical tree diagrams	Sturm	457
genfam	Run Metafont to produce the bitmap fonts	Schrod	427
genindex	Alternative index series	Smith	443
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X's minipages	Lotze	320
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	423
gentabtex	Python helper for creating tables	Algaba	128
gentium-original	Gentium font and support files	Schmitz, Miklavec	425
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	209
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	192
gentombow	Generate Japanese-style crop marks	Yamashita	535
geometry-de	German documentation for the geometry package	Umeki	491
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	491
geomsty	Macros used in typesetting a geometry book	Levy	311
geophysics	Articles for the journal Geophysics	Gildea	223
georgian-stanier	A Georgian font	Stanier	449
georgian	Support for typesetting in Georgian	Shoshiashvili	438
geradwp	Document class for the Cahiers du GERAD series	Hamel	240
german	Support for German typography	Raichle	393
germbib	German variants of standard BibTeX styles	Harders	242
germdoc	A collection of documentation available in German	Unknown	495
germkorr	Change kerning for German quotation marks	Baumann	141
geschichtsfkrl	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	539
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	431
getfiledate	Find the date of last modification of a file	Musa	351
getitems	Gathering items from a list-like environment	Hendrickson	248
getmap	Download OpenStreetMap maps for use in documents	Kleber	282
getoptk	Define macros with sophisticated options	Le Barbier Grünwald	236
getrefs	BibTeX style to sort by "journal" entries of references	Deutscher	189
getttitlestring	Clean up title references	Oberdiek	364
gfdl	Support for using GFDL in L <sup>A</sup> T <sub>E</sub> X	Unknown	??
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	523
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	489
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	489
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	489
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	489
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	489

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	489
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	488
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	489
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	488
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	489
GFS Solomos	A Greek-alphabet font	Tsolomitis	488
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	277
ghostscript	Freely available PostScript interpreter	Deutsch	189
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	357
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	507
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
gincitex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	419
gindex	Formatting indexes	Bezós López	316
ginpenc	Modification of inputenc for German	Harders	242
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	347
gitfile-info	Get git metadata for a specific file	Hilbig	252
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	315
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	315
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	315
gitstatus	Include Git information in the document as watermark or via variables	Gruber	235
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	288
gl-tree	Linguistic trees with a preprocessor	Lee	306
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	236
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	397
glhyph	Hyphenation patterns for Galician	Múgica de Rivera	401
globalvals	Declare global variables	Baynham	141
glonti	Virtual fonts for T2A-encoded fonts	Glonti	225
glossmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	219
gloss-occitan	Polyglossia support for Occitan	Valmary	502
gloss	Create glossaries using BibTeX	de Arriba, Bezós López	131
glossaries-accsupp	Accessibility support for glossaries	Talbot	465
glossaries-danish	Danish language module for glossaries package	Talbot	465
glossaries-dutch	Dutch language module for glossaries package	Talbot	465
glossaries-english	English language module for glossaries package	Talbot	465
glossaries-esto...	Estonian language module for glossaries package	Kankainen	272
glossaries-extra	An extension to the glossaries package	Talbot	465
glossaries-finnish	Finnish language module for glossaries package	Välimäki	502
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	467
glossaries-german	German language module for glossaries package	Talbot	465
glossaries-irish	Irish language module for glossaries package	Talbot	465
glossaries-italian	Italian language module for glossaries package	Talbot	465
glossaries-magyar	Magyar language module for glossaries package	Talbot	465
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustveit	245
glossaries-polish	Polish language module for glossaries package	Talbot	465
glossaries-port...	Portuges language module for glossaries package	Talbot	465
glossaries-serbian	Serbian language module for glossaries package	Talbot	466
glossaries-slovene	Slovene language module for glossaries package	Bačić	136
glossaries-spanish	Spanish language module for glossaries package	Talbot	466
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	362



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
glossaries	Create glossaries and lists of acronyms	Talbot	465
glossary	Create a glossary	Talbot	466
glosstex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	538
glotex	A glossary processor	Aurbach, Hantelmann, Iani-gro	135
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	197
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	351
gmeometric	Change page size wherever it's safe	Murzynowski	351
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	351
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	234
gmutils	Support macros for other packages	Murzynowski	351
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	351
gmverse	A package for typesetting (short) poems	Murzynowski	351
gnu-freefont	A Unicode font, with rather wide coverage	White	524
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	245
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	295
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	352
go	Fonts and macros for typesetting go games	Kołodziejska	294
gobble	More gobble macros for PlainTeX and L <sup>A</sup> T <sub>E</sub> X	Scharrer	420
goblin	Tolkien's goblin alphabet	Stanier	449
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
gost	BibTeX styles to format according to GOST	Polyakov, Kotelnikov	387
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	242
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	134
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	509
gplot	CGM-based graphics support	Andrews	130
grabbox	Read an argument into a box and execute the code afterwards	Spratte	447
gradback	Gradient backgrounds for dvips output	Pedersen	381
gradient-text	Decorate text with linear gradient colors	Du	195
gradientframe	Simple gradient frames around objects	Raue	395
grading-scheme	Typeset grading schemes in tabular format	Keßler	276
gradstudentresume	A generic template for graduate student resumes	Kumar	300
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	378
grafik	EPS graphics under Windows	Dübendorfer	195
grant	Classes for formatting federal grant proposals	Karr	273
graph35	Draw keys and screen items of several Casio calculators	Paternault	380
GraphBase	A platform for combinatorial algorithms	Knuth	288
graphbox	Extend graphicx to improve placement of graphics	Beisert	145
GraphConv	Convert graph files to PSTricks	Chicoine	176
grapher	Create graphs, state machine and data flow diagrams	Algaba	128
graphfig	Simpler graphic, subfigure and float	Bosisio	155
graphicp	An enhanced version of graphics	Szabó	462
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	479
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	482
graphics-pln	LaTeX-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	170
graphicscache	Cache includegraphics calls	Schwarz	430
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	170
graphicxbox	Insert a graphical image as a background	Story	454
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	535
GraphicxSP	An extension of the graphicx package	Story	454
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	303
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	149

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
GraphTeX	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	386
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	396
gray	Fonts for gray-scales	Knuth	288
grayhints	Produce ‘gray hints’ to a variable text field	Story	454
grchyp	Hyphenation for classical Greek, under XeTeX	Codet	179
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	340
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	461
greek-makeindex	Makeindex working with Greek	Syropoulos	460
greek4cbc	A Greek font from 394BC	Wilson	527
greek6cbc	A Greek font from the sixth century BC	Wilson	527
greekctr	Represent counters by letters of the Greek alphabet	Knappen	286
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	488
greekinfo3	Overview of systems, packages, and fonts for Greek T <sub>E</sub> X	Dimakos, Filippou	190
grektex-fd	L <sup>A</sup> T <sub>E</sub> X font definition files for GreekTeX	Brodnik	159
grektex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyrakis	347
greektonoi	Facilitates writing/editing of multiaccented greek	Cornaros	182
greenpoint	The Green Point logo	Triska	488
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	413
grfext	Manipulate the graphics package’s list of extensions	Oberdiek	364
grffile	Extended file name support for graphics (legacy package)	Oberdiek	364
grfguide	L <sup>A</sup> T <sub>E</sub> X 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 L <sup>A</sup> T <sub>E</sub> X	River Valley Technologies	401
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	336
gridset	Grid, a.k.a. in-register, setting	Kohm	291
gridslides	Free form slides with blocks placed on a grid	Mendler	338
grkfinst	Install Greek Type 1 fonts	Kryukov	298
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	460
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	460
grundgesetze	Typeset Frege’s Grundgesetze der Arithmetik	Rossberg	410
grverb	Typesetting Greek verbatim	Syropoulos	460
GS1	Typeset EAN barcodes using T <sub>E</sub> X rules, only	Kohm	291
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	412
gsftopk	Convert “Ghostscript fonts” to PK files	Vojta	511
gsview	View PostScript under MS-Windows or OS/2	Lang	304
gtex-letter	A Gnome assistant to ease the writing of L <sup>A</sup> T <sub>E</sub> X letters	Folini	214
gtl	Manipulating generalized token lists	Le Floch	212
gtrcrd	Add chords to lyrics	Bresciani	158
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	234
gu	Typeset crystallographic group-subgroup-schemes	Lange	304
guarani	Guarani support	Bezos López	316
gudea	The Gudea font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
guia-bibtex	Guia casi completa de BibTeX	López	319
guide-latex-fr	A french guide on L <sup>A</sup> T <sub>E</sub> X – for beginners or advanced users	Bouzigues	156
GuIT-corso	Introduzione al mondo di L <sup>A</sup> T <sub>E</sub> X	Himmelman, Vavassori,	252
		Busdraghi	
guitar	Guitar chords and song texts	Väth	503
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	357
guitartabs	A class for drawing guitar tablatures easily	Babushkin	135
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	504
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	509
gurmukhi-singh	Support for Gurmukhi in T <sub>E</sub> X	Singh	441
gurmukhi	Support for Gurmukhi	Pandey	377
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	206

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
GUtenberg	French T <sub>E</sub> X Users Group information	Just	271
gv-savepos	A patch to gv to save positions	Thành	475
gv	An X front end for Ghostscript	Marchesi	329
gzt	Bundle of classes for “La Gazette des Mathématiciens”	Bitouzé	150
<b>HHHHH</b>			
h2020proposal	L <sup>A</sup> T <sub>E</sub> X class and template for EU H2020 RIA proposal	Indiveri	261
ha-prosper	Patches and improvements for prosper	Adriaens	126
hackalloc	Make allocations local	Unknown	495
hackthefootline	Footline selection and configuration for L <sup>A</sup> T <sub>E</sub> X beamer’s standard themes	Friedl	216
hacm	Font support for the Arka language	Miyatani	344
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	163
halftone	Knuth’s halftone font and its uses	Clark, Knuth	178
halloweenmath	Scary and creepy math symbols with AMS-L <sup>A</sup> T <sub>E</sub> X integration	Mezzetti	339
hamnosys	A font for sign languages	Schulder, Hanke	429
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	456
handout	Create handout for auditors of a talk	Rouquette	412
handoutWithNotes	Create Handouts with notes from your L <sup>A</sup> T <sub>E</sub> X beamer presentation	Diepen, Peischl	190
hands	Pointing hand font	Tobin, Powroz	485
hang	Environments for hanging paragraphs and list items	Nolda	360
hangcaption	Hanging layout for captions	Jones	268
hanging	Hanging paragraphs	Robertson, Wilson	404
hanoi	Tower of Hanoi in T <sub>E</sub> X	Blackmore	150
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	221
happy4th	A firework display in obfuscated T <sub>E</sub> X	Blackmore	150
har2nat	Replace the harvard package with natbib	Straathof	456
haranoaji-extra	Harano Aji Fonts	Hosoda	258
haranoaji	Harano Aji Fonts	Hosoda	258
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	403
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	522
harnon-cv	A CV document class with a vertical timeline for experience	Hart	244
harpoon	Extra harpoons, using the graphics package	Kuipers	300
harvard-obsolete	The Harvard bibliography style family	Williams	526
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	526
harveyballs	Create Harvey Balls using TikZ	Roth	411
harvmac	Macros for scientific articles	Ginsparg	224
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	262
hausarbeit-jura	Class for writing “juristische Hausarbeiten” at German Universities	Sievers	439
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	178
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	439
he-le-na	Support for Serbian typesetting	Filipović	209
he-she	Alternating pronouns to aid gender-neutral writing	Munn	350
headerfooter	Define the layouts of page headers and footers	Gildea	223
hebtex	Support for Hebrew and other right-to-left languages	Porrat	388
hecthes	A class for dissertations and theses at HEC Montréal	Hamel	240
hellas	Typeset bibliographies which include Greek	Syropoulos	460
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	356
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	425
hep-acronym	An acronym extension for glossaries	Hajer	239
hep-bibliography	An acronym extension for glossaries	Hajer	239
hep-float	Convenience package for float placement	Hajer	239
hep-font	Latin modern extended by computer modern	Hajer	239
hep-gen	Generic macros for quantum physics	Unknown	495
hep-math-font	Extended Greek and sans-serif math	Hajer	239

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hep-math	Extended math macros	Hajer	239
hep-paper	Publications in High Energy Physics	Hajer	239
hep-reference	Adjustments for publications in High Energy Physics	Hajer	239
hep-text	List and text extensions	Hajer	239
hep-title	Extensions for the title page	Hajer	239
hep	A "convenience wrapper" for High Energy Physics packages	Buckley	161
hepnames	Pre-defined high energy particle names	Buckley	161
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	161
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	495
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	513
hershey-mp	MetaPost support for the Hershey font file format	Renkema	399
hershey	Experiments with the Hershey fonts	Yap	536
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	435
hex	Print a counter in hexadecimal	Domenjoud	191
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	413
hexdump	Read and typeset ASCII hexdump files	Hillebrand	252
hexgame	Provide an environment to draw a hexgame-board	Brouwer	160
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	208
hfbright	The hfbright fonts	Harders	242
hfoldsty	Old style numerals with EC fonts	Harders	242
HFUTExam	Exam class for Hefei University of Technology (China)	Zhang	542
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	539
hge	An "Old English" font	Unknown	495
hhline	Better horizontal lines in tabulars and arrays	Carlisle	167
hhtensor	Print vectors, matrices, and tensors	Harders	242
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	300
hieroglf	The "poor man's" Egyptian Hieroglyphic font	Wilson	527
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	410
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	441
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	298
hilowres	Support high and low resolution versions of same picture	Gerell	221
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	300
hindmadurai	The HindMadurai font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
histogr	Draw histograms with the L <sup>A</sup> T <sub>E</sub> X picture environment	Schöpf	426
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal 'Historische Zeitschrift'	Waßenhoven	521
histyle	A "HighStyle" environment for T <sub>E</sub> X	Unknown	495
hitec	Class for documentation	Billauer	150
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	415
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	536
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	457
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	536
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	536
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	488
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	491
hlatex	Support for the Korean language	Un	492
hletter	Flexible letter typesetting with flexible page headings	Housley	258
hlist	Horizontal and columned lists	Tellechea	470
hmtrump	Describe card games	Hitomi	252
hobby	An implementation of Hobby's algorithm for PGF/TikZ	Stacey	448
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	229
hobsub	Construct package bundles	Oberdiek	364

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	539
hologo	A collection of logos with bookmark support	Oberdiek	364
hollpolt	Typeset Maxwell's non-commutative division	Knappen	286
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	364
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developpers	Rouquette	412
hopatch	Load patches for packages	Oberdiek	364
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	442
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	520
hp2xx	HP GL converter	Unknown	495
hpgl2ps	Translate HPGL to PostScript	McCormick	335
hpsdiss	A dissertation class	Schmid	422
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	162
hrefhide	Suppress hyper links when printing	Münch	348
hrhyph	Croatian hyphenation	Marinović	330
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	330
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	270
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	476
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	520
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	162
huaz	Automatic Hungarian definite articles	Tómacs	486
huhyph	Hyphenation patterns for the Hungarian language	Mayer	334
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	486
humanbio	Bibliography style for "Human Biology"	Rogers	408
humanist	Humanist manuscript book-hand font	Wilson	527
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	408
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	527
hungarian	New Hungarian hyphenation patterns	Nagy	353
husthesis	Unofficial thesis template for Huazhong University	Cheng	174
hvarabic	Macros for RTL typesetting	Voß	513
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	353
hvextern	Write and execute external code, and insert the output	Voß	513
hvfloa	Controlling captions, fullpage and doublepage floats	Voß	513
hvindex	Support for indexing	Voß	513
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	513
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	339
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	424
hvpymntex	Syntax-Highlighting of program code	Voß	513
hvqrurl	Insert a QR code in the margin	Voß	513
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	495
hwkatakana	Half-width katakana fonts	Hassenpflug	245
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	212
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	159
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	364
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	364
hycap	Adjusting the anchors of captions	Oberdiek	364
hypdestopt	Hyperref destination optimizer	Oberdiek	364
hypdoc	Hyper extensions for doc.sty	Oberdiek	364
hypdvips	Hyperref extensions for use with dvips	Niedrist	358
hyper	Hypertext cross referencing	Mehlich	338
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	297
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	148



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	369
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	375
hypgotoc	Links to embedded files	Oberdiek	365
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	340
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	468
hyphen-spanish	Standard hyphenation rules for Spanish	Bezós López, Carmona	318
hyphenat	Disable/enable hyphenation	Robertson, Wilson	404
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	209
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	310
hyphsubst	Substitute hyphenation patterns	Oberdiek	365
hyph1	Additional hyphenation patterns	Raichle	394
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	234
<b>IIII</b>			
i-ching	An i-ching package	Bzyl	165
iagproc	Class for two column IAG Proceedings articles	Vermeer	505
iahypen	Hyphenation patterns for Interlingua	Kleiweg	284
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	472
ibm	Metrics for IBM fonts	Rahtz	392
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	308
ibrackets	Intelligent brackets	Missier	342
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	251
ibyrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	424
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	385
icelandic	Icelandic Fonts	Pind	385
iching	A font for I Ching divinations	Stanier	449
icite	Indices locorum citatorum	Alessi	128
icomma	Intelligent commas for decimal numbers	Schmidt	423
icon-appr	Creates icon appearances for form buttons	Story	454
icons	TeX icons	Carriba, Sendoukas	170
icsv	Class for typesetting articles for the ICSV conference	Robertson	402
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	220
identkey	Typesetting bracketed dichotomous identification keys	White	524
idverb	Inline verbatim identifiers	Schrod	427
idxcmds	Semantic commands for adding formatted index entries	Niederberger	357
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titz	485
idxtex	An index processor	Aurbach, Hantelmann, Iani- gro	135
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	138
IEEEconf	Macros for IEEE conference proceedings	Pakin	375
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	298
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	437
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	437
IEEEJtran	Unofficial bibliography style file for the Institute of Electrical Engi- neers of Japan	Ejiri	200
ietfbibs	Generate BibTeX entries for various IETF index files	Mortier	346
iexec	Execute shell commands and input their output	Bugayenko	162
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	382
ifallfalse	Compare a string against a set of other strings	Chen	173
ifdraft	Detect “draft” and “final” class options	Oberdiek	365
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	482

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
iffont	Conditionally load fonts with fontspec	Weiss	523
iflang	Expandable checks for the current language	Oberdiek	365
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	482
ifmslide	Presentation slides for screen and printouts	Emmel	201
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	404
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	321
ifoddpaper	Determine if the current page is odd or even	Scharrer	420
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	482
ifplatform	Conditionals to test which platform is being used	Robertson, Große	403
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	537
ifsym	A collection of symbols	Klöckl	285
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	482
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	303
ifthenx	Extra tests for \ifthenelse	Jones	268
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	482
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	482
ifxptex	Detect pTeX and its derivatives	Zhang	543
igo	Fonts and macro to typeset Go diagrams	Dupuis	196
iitem	Multiple level of lists in one list-like environment	Vitecek	510
ijc	International Journal of Control style	Balemi	137
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	379
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	507
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	332
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	442
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	358
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	143
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	285
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
imfellflowers	IM Fell Flower OpenType fonts	Tennent	472
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	126
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	386
import	Establish input relative to a directory	Arseneau	132
impose	PostScript imposition and support utilities	Grobgeld	235
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	507
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	277
IMTEKda	IMTEK thesis class	Dreher	193
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	457
includeRnw	Include .Rnw inside .tex	Storvik Strauman	456
includex	Extended \include	Swift	459
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	311
indent	Environments that change margins	Unknown	495
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	268
indextools	Producing multiple indices	Rouquette	412
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	386
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	443
indxcite	Generate author index based on citations	Ashton	134
infpic	Macros to insert pictures in paragraphs	Ulrych	491
infwarerr	Complete set of information/warning/error message macros	Oberdiek	365

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
inhyph	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	287
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	450
inkpaper	A mathematical paper template	Liang	312
inline-images	Inline images in base64 encoding	Wäckerlin	518
inlinebib	Citations in footnotes	Seindal	432
inlinedef	Inline expansions within definitions	Hicks	251
inlinelabel	Assign equation numbers to inline equations	Kusakabe	300
innerscript	Modifies automatic mathematics spacing	Kosowsky	295
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	266
inputenx	Enhanced input encoding handling	Oberdiek	365
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	489
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	297
inputtrc	Trace which file loads which	Lück	321
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	330
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	207
insbox	Insert pictures/boxes into paragraphs	Gulczynski	236
inscrutable	A response to Perl hackers' silliness	Greene	233
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	454
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	528
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	528
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	520
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	282
intcalc	Expandable arithmetic operations with integers	Oberdiek	365
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	198
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	227
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	152
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	299
interchar	Managing character class schemes in XeTeX	Hu	258
interfaces	Set parameters for other packages, conveniently	Chervet	175
interpol	Add interpolation to MetaPost graph package	Vieth	509
interpreter	Translate input files on the fly	Isambert, Robbers	262
interval	Format mathematical intervals, ensuring proper spacing	Madsen	327
intex	Support typesetting and indexing words and phrases	Ranage	395
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	297
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	147
inversepath	Calculate inverse file paths	Robertson	402
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	495
invoice-class	Produces a standard US invoice from a CSV file	Munn	350
invoice	Generate invoices	Corff	181
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	190
iodhbwm	Unofficial template of the DHBW Mannheim	Faltin	206
ionumbers	Restyle numbers in maths mode	Schneider	425
iopart-num	Numeric citation style for IOP journals	Caprio	167
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	407
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	538
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	261
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	218
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	233
ishyph	Hyphenation patterns for Icelandic	Pind	385
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	475

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
isi2bibtex	Converter for ISI to BibTeX	Lee	306
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	355
iso	Generic ISO standards typesetting macros	Wilson	528
iso10303	Typesetting the STEP standards	Wilson	528
iso209	A document style for ISO standards	North	360
isodate	Tune the output format of dates according to language	Harders	242
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	187
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	495
isomath	Mathematics style for science and technology	Milde	340
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	504
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	513
isorot	Rotation of document elements	Wilson	528
isotope	A package for typesetting isotopes	Bauke	140
ispell	Multi-platform spell checker	Atkinson	135
issuulinks	Produce external links instead of internal ones	Veytsman	507
ist21	Title page for the old BSI IST/21 committee	Unknown	495
istgame	Draw Game Trees with TikZ	Cho	177
ital	Automatic italic correction	Bernstein	148
italic	Automatic italic correction for italic and slanted text	Goatley	225
iTe	Interactive T <sub>E</sub> X editor	Kühn	299
ithyph	Hyphenation patterns for the Italian language	Beccari	142
itnumpar	Spell numbers in words (Italian)	Gregorio	234
itrans-processor	Transliteration of Indian Languages	Chopde	177
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	188
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	199
iwona	A two-element sans-serif font	Nowacki	361
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	347
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	288
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	477
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	418
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	393
jamtimes	Expanded Times Roman fonts	Veytsman	507
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	495
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	468
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	389
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	346
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	218
jasthesis	A 'standard' thesis class	Shepherd	437
JavaBib	A BibTeX file manager written in Java	Unknown	496
javadoc	Documenting source code	Kiesel	279
javaDVI	DVI viewer and printer coded in Java	Hurt	260
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	536
jvatex	A Java implementation of T <sub>E</sub> X	Murphy	351
jbact	BibTeX style for biology journals	Schneider	426
JBibtexManager	Managing citations in BibTeX format	Batada	140
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	252
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	451
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	330
JeuxCartes	Macros to insert playing cards	Pierquet	384
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	338

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	538
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	389
jhep	Class for JHEP	Nesti	354
jIEEETran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	200
jigsaw	Draw jigsaw pieces with TikZ	Unknown	496
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	455
jkmath	Macros for mathematics that make the code more readable	Kaerts	271
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	286
jktthesis	Document class for formatting a thesis	Küpper	300
jlabels	Make letter-sized pages of labels	Tartir	468
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	445
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	346
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	125
jmakedpdfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	466
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	426
jmlr	Class files for the Journal of Machine Learning Research	Talbot	466
jmsdelim	A package for compositional delimiter sizing	Sterling	451
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	250
jnuexam	Exam class for Jinan University	Lyu	326
jobname-suffix	Compile differently based on the filename	Siefken	439
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
jourcl	Cover letter for journal submissions	Kukovec	300
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	477
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	359
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	338
jphysiol	BibTeX style for the Journal of Physiology	Hennig	250
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	399
jpneduenumerate	Enumerative expressions in Japanese education	Kusakabe	300
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	301
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	301
jqt1999	Journal of Quality Technology BibTeX format	Forrest	214
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	427
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	370
jslectureplanner	Creation and management of university course material	Spitzmüller	446
jspell	An ASCII file spelling checker	Jeong	267
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	408
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	402
jumplines	Articles with teasers and continuation later on	Hupfer	259
unicode	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	140
jura	A document class for German legal texts	Braun	157
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	521
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	148
juramisc	Typesetting German juridical documents	Sodtaltbers	444
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	521
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	295
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	518
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	442
kalender-209	Produce page-per-day calendars	Schrell	427
kalender	Create a calendar, in German	Söhner	444
kanaparser	Kana parser for LuaTeX	Zahumensky	540



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	174
kantlipsum	Generate sentences in Kant's style	Gregorio	234
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	264
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	525
karnaughmap	Typeset Karnaugh maps	Michael	339
karta	Cartographic signs	Unknown	496
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	312
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	444
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	154
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	311
kdgreek	Greek fonts and macros	Dryllarakis	195
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	162
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	275
kerkis	Kerkis (Greek) font family	Tsolomitis	489
kerntest	Print tables and generate control files to adjust kernings	Harders	242
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	462
keycommand	Simple creation of commands with key-value arguments	Chervet	175
keyfloat	Provides a key/value interface for generating floats	Dunn	196
keyindex	Index entries by key lookup	Zach	539
keyparse	Key based parser	Rogard	407
keyreader	A robust interface to xkeyval	Musa	352
keystroke	Graphical representation of keys on keyboard	Niepraschk	359
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
keyval2e	A lightweight and robust key-value parser	Musa	352
keyvaltable	Re-usable table layouts separating content and presentation	Grewe	234
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	526
kinematikz	Design kinematic chains and mechanisms	Santos	417
kix	Typeset KIX codes	Stoks	452
KIXfont	A font for KIX codes	van Rein	398
klinz	A Klingon font	Wünsch	533
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	286
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	235
knot	A Celtic knotwork font	Jaquina	266
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	180
knst	Multiple-guess tests	Saludes	417
knuth-base	The current state of Knuth's contributions	Knuth	288
knuth-dist	The current state of Knuth's contributions	Knuth	288
knuth-errata	Knuth's published errata	Knuth	288
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	422
knuth-letter	Knuth's example letter macros	Knuth	288
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	288
knuth-local	Knuth's local information	Knuth	288
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	422
koi8	KOI-8 input support	Blumenthal	152
koma-moderncvc1...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	444
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	291
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	291
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	291
koma-script-exa...	Examples from the KOMA-Script book	Kohm	291
koma-script-obs...	Deprecated packages from koma-script	Kohm	291
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	502

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
koma-script	A bundle of versatile classes and packages	Kohm	291
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	Grewe	234
komacv	Typesetting a beautiful CV with various style options	Södergran	444
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	522
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	307
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	307
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	307
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	307
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	477
kpfonts-otf	OpenType version of the kpfonts (Type1) designed by Christophe Caignaert	Flipo	212
kpfonts	A complete set of fonts for text and mathematics	Caignaert	166
ksfh-nat	BibT <sub>E</sub> X style for KSFH Munich	Bilger	150
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	246
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	210
ktv-texdata	Extract subsets of documents	Huynh	260
ku-template	Copenhagen University or faculty logo for front page	Pedersen	381
kurdishlipsum	A ‘lipsum’ package for the Kurdish language	Jund	271
kurier	A two-element sans-serif typeface	Nowacki	361
kuvio	Drawing macros and fonts for diagrams	Svensson	458
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	365
kvmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	215
kvoptions	Key value format for package options	Oberdiek	365
kvsetkeys	Key value parser with default handler support	Oberdiek	365
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	240
l2picfaq	L <sup>A</sup> T <sub>E</sub> X pictures “how-to” (German)	Bischoff	150
l2tabu-english	English translation of “Obsolete packages and commands”	Trettin, Fenn	487
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	128
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	541
l2tabu-spanish	Spanish translation of “Obsolete packages and commands”	Trettin, Medina Arellano	487
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	202
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	429
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	479
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	479
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	479
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	479
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	479
l3keys2e	LaTeX2e option processing using L <sup>A</sup> T <sub>E</sub> X3 keys	L <sup>A</sup> T <sub>E</sub> X Team	479
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	479
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	479
la	School handwriting fonts	Heuer	251
laansort	Sorting within T <sub>E</sub> X	van der Laan	302
labbook	Typeset laboratory journals	Küster	301
label-pln	Print address labels in three columns	Unknown	496
labelcas	Check the existence of labels, and fork accordingly	Diez	190
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	439
labelmac3	Print Avery 5160 labels for laser printers	Rao	395
labelmag	Manage a collection of labels	Willadt	526
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	223
labels4easylist	Add reference labels to easylist items	Paciorek	373
labelschanged	Identify labels which cause endless “may have changed” warnings	Dunn	196
lablst-pkg	List names of labels in a document	Karney	272

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
labtex	Label diagrams produced in Metafont	Hoenig	253
labyrinth	Draw labyrinths and solution paths	Zigliotto	544
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen, T <sub>E</sub> XLive	484
ladder	Draw simple ladder diagrams using TikZ	Cadiou	165
lahyph	Hyphenation patterns for the Latin language	Beccari	142
laletter	Los Alamos letter style	Sydoriak	459
lambda-lists	Lists in T <sub>E</sub> X's mouth	Jeffrey	266
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	407
lamemo	Memo style as used at Los Alamos	Sydoriak	459
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	345
lamstex-index	Index processor for LamsTeX	Spivak	447
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	447
landscape	Set up for typesetting in landscape	Hosek	257
langcode	Simple language-dependent settings based on language codes	Lück	321
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un- known	331
langsci-affilia...	Collect and order authors and affiliations	Kopecky	294
langsci-avm	Attribute-value matrices and feature structures for use in linguistics	Kopecky	294
langsci	Typeset books for publication with Language Science Press	Nordhoff	360
lapdf	PDF drawing directly in T <sub>E</sub> X documents	Reimers	398
laps	Zero-width boxes for annotations, etc	Unknown	496
lastbib	Record the number of citations in a document	Tuleuov	490
lastpackage	Indicates the last loaded package	Pospiech	388
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	349
LaTable	A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables	Denisov	188
lated	Graphical L <sup>A</sup> T <sub>E</sub> X picture editor	Ressler	399
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	480
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	480
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	480
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	482
latex-bib-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	513
latex-bib2-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	513
latex-bnf	L <sup>A</sup> T <sub>E</sub> X macros for typing BNF specifications	Osborne	373
LaTeX-brochure	A publicity flyer for L <sup>A</sup> T <sub>E</sub> X	Flynn	213
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	479
latex-doc-ptr	A direction-finder for L <sup>A</sup> T <sub>E</sub> X resources available online	Hefferon, Pégourié- Gonnard, Berry	246
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	480
latex-errata	Errata for the L <sup>A</sup> T <sub>E</sub> X Manual	Lamport	303
latex-essential	Essential information for writing L <sup>A</sup> T <sub>E</sub> X documents	Warbrick, Rivera	521
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	480
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	480
latex-fonts	A collection of fonts used in L <sup>A</sup> T <sub>E</sub> X distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	290
latex-for-under...	A tutorial aimed at introducing undergraduate students to L <sup>A</sup> T <sub>E</sub> X	Lounsbury	320
latex-git-log	Typeset git log information	Schneider	426
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	480
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	480
latex-hlp	A VMS help file for L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	233
latex-info	Unofficial reference manual for L <sup>A</sup> T <sub>E</sub> X	Steffens, Greenwade	450
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	480
latex-lab	L <sup>A</sup> T <sub>E</sub> X laboratory	L <sup>A</sup> T <sub>E</sub> X Team	480
latex-make	Easy compiling of complex (and simple) L <sup>A</sup> T <sub>E</sub> X documents	Danjuan	186

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex-mr	A practical guide to L <sup>A</sup> T <sub>E</sub> X and Polyglossia for Marathi and other Indian languages	Holkar	256
latex-notes-zh-cn	Chinese Introduction to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Huang	258
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	417
LaTeX-Referenz	Examples from the book "L <sup>A</sup> T <sub>E</sub> X Referenz"	Voß	513
latex-refsheet	L <sup>A</sup> T <sub>E</sub> X Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	303
latex-sciences-...	(Xe)L <sup>A</sup> T <sub>E</sub> X Appliqué aux sciences humaines	Rouquette	412
latex-tabellen	L <sup>A</sup> T <sub>E</sub> X Tabellen	Voß	514
LaTeX-tds	A structured copy of the L <sup>A</sup> T <sub>E</sub> X distribution	Oberdiek	365
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	480
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	480
latex-uni8	Universal inputenc, fontenc, and babel for pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Szabó	462
LaTeX-veryshort...	The Very Short Guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	213
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	331
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	482
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	303
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	190
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	193
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	511
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	378
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dörner, Granzer	250
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	227
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	227
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	227
latex4wp	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	227
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	314
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	245
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	481
latexcad	A CAD drawing package	Leis	309
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	431
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	401
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	231
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	172
latexcolors	Use color definitions from latexcolor.com	Plüss	387
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	328
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	297
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	203
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	388
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilmann	484
latexdraw	CAD oriented drawing program	Siebert	439
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	321
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	242
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	450
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	259
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	178
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	336
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	180
LaTeXMng	An integrated development environment for Windows	Vabishchevich	501
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	346
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	180

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latexexpand	Expand <code>\input</code> and <code>\include</code> in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	347
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	481
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	334
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	320
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	526
latin	Latin language definition for Babel	Beccari	142
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	286
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	286
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	286
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano's Interlingua	Leve	311
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	345
Layaureo	A package to improve the A4 page layout	Busdraghi	165
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	337
layouts	Display various elements of a document's layout	Robertson, Wilson	404
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	266
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	343
lccaps	Lowercased (spaced) small capitals	Giannotti	222
lcd	Alphanumeric LCD-style displays	Kaufmann	274
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	290
lcg	Generate random integers	Janka	265
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	268
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	312
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	489
leading	Define leading with a length	Robertson	402
leadsheets	Typesetting leadsheets and songbooks	Niederberger	357
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	424
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	375
lebhart	Write your articles in a colorful way	XU	534
lecturer	On-screen presentations for (almost) all formats	Isambert	261
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	166
lectureslides	Combine single PDF files into one file	Zhang	542
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	188
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	529
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	529
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	529
leftidx	Left and right subscripts and superscripts in math mode	Harders	243
leftindex	Left indices with better spacing	Ørsted	372
LEIletter	A letter class for Leiden University	Kreutzer	296
leipzig	Typeset and index linguistic gloss abbreviations	Weber	522
lengthconvert	Express lengths in arbitrary units	Daniel	186
letgut	Class for the newsletter "La Lettre GUTenberg" of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	135
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	365
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	496
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	303



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
letter1	Letter formatting macros	Unknown	496
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	501
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	443
letterspacing	Letter spacing	Taylor	469
letterswitharrows	Draw arrows over math letters	Teegen	470
lettre	Letters and faxes in French	Mégevand, Belaïche	337
lettrine	Typeset dropped capitals	Flipo	212
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	311
levy-latex	Macros for using Silvio Levy's Greek fonts	Dafferner	184
lewis	Draw Lewis structures	Horvath	257
lexend	The Lexend fonts for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X through fontspec	Schinko	422
lexikon	Macros for a two language dictionary	Kielhorn	278
lexitex	Footnote-style citations for law journals	Bennett	147
lexref	Convenient and uniform references to legal provisions	Vion	510
lertext	Typesetting legal documents using plain T <sub>E</sub> X	Horne	257
lfb	A Greek font with normal and bold variants	Field	208
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> T <sub>E</sub> X 2.09 fonts	Fuchs	218
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	392
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	343
lgraph	A program to generate graphs	Podar	387
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy's Greek fonts	Murphy	351
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	383
lgrmath	Use LGR-encoded fonts in math mode	Burnol	163
lgrx	Obsolete package for Greek in text	Milde	340
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	278
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	544
lhelp	Miscellaneous helper packages	Kuhlmann	298
libertine-legacy	Linux Libertine fonts for (La)T <sub>E</sub> X and pdf(La)T <sub>E</sub> X users	Tennent, Niedermair	475
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	472
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	472
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	435
libertineotf	Linux Libertine fonts for use with Lua(La)T <sub>E</sub> X and Xe(La)T <sub>E</sub> X	Gundlach, Niedermair	237
libertinus-fonts	The Libertinus font family	Hosny, MacIennan	258
libertinus-otf	Support for Libertinus OpenType	Voß	514
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaT <sub>E</sub> X	Tennent	472
libertinus	Wrapper to use the correct libertine package according to the used T <sub>E</sub> X engine	Voß	514
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	435
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	163
librarian	Tools to create bibliographies in T <sub>E</sub> X	Isambert	261
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	472
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	473
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	244
lie-hasse	Draw Hasse diagrams	McKay	336
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	383
liftarm	Draw liftarms	Floré	213
LigaT <sub>E</sub> X	Remove unnecessary ligatures	Killesreiter	279
Light L <sup>A</sup> T <sub>E</sub> X Make	l <sup>l</sup> mk: A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	134
ligtype	Comprehensive ligature suppression functionalities	Kelkel	274

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>lilyglyphs</code>	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	313
<code>limap</code>	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	355
<code>limecv</code>	A (Xe/Lua)L <sup>A</sup> T <sub>E</sub> X document class for curriculum vitæ	Pieters	384
<code>linearA</code>	Linear A script fonts	Syropoulos	460
<code>linearb</code>	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	528
<code>linebreaker</code>	Prevent overflow boxes with LuaLaTeX	Hoftich	254
<code>linegoal</code>	A “dimen” that returns the space left on the line	Chervet	175
<code>lineno</code>	Line numbers on paragraphs	Böttcher, Lück, Wette	156
<code>linenoamsmath</code>	Use the lineno package together with amsmath	Wette	524
<code>ling-macros</code>	Macros for typesetting formal linguistics	McKenzie	336
<code>lingtrees</code>	Linguistics trees preprocessor and macros	Andrews	130
<code>linguex</code>	Format linguists’ examples	Sternefeld	451
<code>linguisticspro</code>	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
<code>linop</code>	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	524
<code>linsys</code>	Typeset systems of linear equations	Kehowski	274
<code>lintex</code>	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	319
<code>lion-msc</code>	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	192
<code>lips</code>	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	459
<code>lipsum</code>	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	241
<code>lisp-on-tex</code>	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	438
<code>list</code>	List ASCII text files	Knuth	288
<code>listbib</code>	Lists contents of BibTeX files	Kuhlmann	299
<code>listing-pln</code>	Almost-verbatim list programs	Toby	486
<code>listing</code>	Produce formatted program listings	Kuhlmann, Hebley	299
<code>listings-ext</code>	Automated input of source	Hoffman	253
<code>listings</code>	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	254
<code>listingsutf8</code>	Allow UTF-8 in listings input	Oberdiek	365
<code>listbls</code>	Creates a list of all labels used throughout a document	Melzer	338
<code>listliketab</code>	Typeset lists as tables	Pakin	375
<code>listofanswers</code>	Provide a list of answers to mathematical problems	Ipanaqué	261
<code>listofitems</code>	Grab items in lists using user-specified sep char	Tellechea, Segletes	470
<code>listofsymbols</code>	Create and manipulate lists of symbols	Spreng	448
<code>literate</code>	A literate programming system, not tied to any language	Schrod	427
<code>literaturnaya</code>	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	378
<code>lithuanian-babel</code>	Babel support for documents written in Lithuanian	Tolušis	486
<code>lithuanian</code>	Lithuanian language support	Tolušis	486
<code>liturg</code>	Support for typesetting Catholic liturgical texts	Goodman	227
<code>ljmetrics</code>	Metrics for Laserjet built-in fonts	Walsh	520
<code>lkort</code>	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	372
<code>LKproof</code>	LK Proof figure macros	Tatsuta	468
<code>l1list</code>	List ASCII text files in landscape	Knuth	288
<code>llncs</code>	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	400
<code>llncs209</code>	Macros for Springer books	Unknown	496
<code>llncsconf</code>	L <sup>A</sup> T <sub>E</sub> X package extending Springer’s llncs class	Brucker	160
<code>lm-math</code>	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	263
<code>lm</code>	Latin modern fonts in outline formats	Jackowski, Nowacki	262
<code>lmacs</code>	A simple package for including support files	Story	455
<code>lmake</code>	Process lists to do repetitive actions	Pan	377
<code>lms</code>	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	220

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ln03dvi	DVI to LN03 driver	Thomas	483
lni	Official class for the “Lecture Notes in Informatics”	Sievers	440
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	473
locality	Various macros for keeping things local	Gross	235
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	394
logbox	e-TeX showbox facilities for exploration purposes	Chervet	175
logfilter	Choose what you want to see of a (La)TeX log	Graversen	231
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	506
logic	A font for electronic logic design	Simpson	441
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	331
logicproof	Box proofs for propositional and predicate logic	Davidson	186
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	282
logix	Supplement to the Unicode math symbols	Finney	210
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	274
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	308
logsys	Draw logarithmic coordinate systems	Hansen	240
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	200
longdiv	Long division arithmetic problems	Arseneau	132
longdivision	Typesets long division	Chatham	173
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	309
longfigure	Provides a figure-like environment that break over pages	Arnold	131
longnamefilelist	Tidy \listfiles with long file names	Lück	321
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	496
lookbibtex	Tools for examining BibTeX files	Heidemann	246
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	352
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	192
lout	An alternative typesetting system	Kingston	281
loval	Round-cornered framed boxes	Schalück	419
lpform	Typesetting linear programming formulations and sets of equations	Waltman	520
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	334
lplfitch	Fitch-style natural deduction proofs	Zach	539
lps	Class for “Logic and Philosophy of Science”	Cevolani	172
lpw	A literate programming environment for Macs	Lindenberg	313
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	227
lsabon	Support files for the Linotype Sabon fonts	Veytsman	507
lsc	Typesetting Live Sequence Charts	Westphal	524
lscape	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	170
lshort-bulgarian	Bulgarian translation of the “Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e”	Karakoleva	272
lshort-czech	Czech translation of the “Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e”	Madr, Stríž, Oetiker	327
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Becuwe, Windels, Oetiker	144
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	369
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	376
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	247
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	180
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: L <sup>A</sup> T <sub>E</sub> X2e-Kurzbeschreibung	Schmidt, Gundlach, Daniel	423
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	236
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	331

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	280
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	140
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	192
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	371
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przechlewski, Serwin	226
lshort-portugue...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	387
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	440
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	485
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	165
lshort-slovenian	Slovenian translation of lshort	Plestenjak	386
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	510
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	272
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	387
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	356
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	534
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	369
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	420
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	131
lstfiracode	Use Fira Code font for listings	Zhang	542
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	248
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	361
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	192
ltablex	Table package extensions	Goel	226
ltabptch	Bug fix for longtable	Lück	321
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	139
lcaption	Fix some caption problems in longtables	Sommerfeldt	445
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	343
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	391
lth	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	285
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	270
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	192
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	528
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	343
ltx4yt	Play YouTube videos in the default browser	Story	455
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	365
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	170
ltxdockit	Documentation support	Lehman	308
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	187
ltxgrid	Control of the page grid	Ogawa	369
ltxguidex	An extended ltxguide class	Turner	490
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	324
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	401
ltxinput	Find files input by a document	Green	232
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	352
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	496
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	352
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	369
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	176
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	236

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lua-physical	Functions and objects for the computation of physical quantities	Jenni	267
lua-typo	Highlighting typographical flaws with LuaLaTeX	Flipo	212
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	255
LuauL	Underlining for LuaLaTeX	Krüger	298
lua-uni-algos	Unicode algorithms for LuaTeX	Krüger	297
lua-visual-debug	Visual debugging with LuaLaTeX	Gundlach	237
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	174
lua2dox	Auto-documentation of lua code	Dales	185
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	295
luabibentry	Repeat BibTeX entries in a LuaLaTeX document body	Kopp	294
luabidi	Bidi functions for LuaTeX	Khalighi, Rosendahl, bidi-tex GitHub Organisation	278
luacas	A computer algebra system for users of LuaLaTeX	All	129
luacensor	Securely redact sensitive information using Lua	Granet	230
luacode	Helper for executing lua code from within TeX	Pégourié-Gonnard	381
luacolor	Color support based on LuaTeX's node attributes	Oberdiek	365
luacomplex	Operations on complex numbers inside LaTeX documents using Lua	Chetan Shirore and Dr. Ajit Kumar	176
luafindfont	Search fonts in the LuaTeX font database	Voß	514
luagcd	Computation of gcd of integers inside LaTeX using Lua	Chetan Shirore and Dr. Ajit Kumar	176
luahyphenrules	Loading patterns in LuaLaTeX with language.dat	Bezos López	316
luaimageembed	Embed images as base64-encoded strings	Sachs	416
luaindex	Create index using LuaLaTeX	Kohm	291
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	413
luaintro	Examples from the book "Einführung in LuaTeX und LuaLaTeX"	Voß	514
luakeys	A Lua module for parsing key-value options	Friedrich	217
lualatex-doc-de	Guide to LuaLaTeX (German translation)	Pégourié-Gonnard, Römer	381
lualatex-doc	A guide to use of LaTeX with LuaTeX	Pégourié-Gonnard	381
lualatex-math	Fixes for mathematics-related LuaLaTeX issues	Stephani	451
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	451
lualatex-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	216
lualibs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, LaTeX Team	413
luamathalign	More flexible alignment in amsmath environments	Krüger	297
luamaths	Provide standard mathematical operations inside LaTeX documents using Lua	Chetan Shirore and Dr. Ajit Kumar	176
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	178
luamodulartables	Generate modular addition and multiplication tables	Chetan Shirore and Dr. Ajit Kumar	176
luamplib	Use LuaTeX's built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	238
luaoptions	Option handling for LuaLaTeX packages	Peron	382
luaotfload	OpenType 'loader' for Plain TeX and LaTeX	Roux, Hosny, Pégourié-Gonnard, Robertson, Gesang, LaTeX Team, Fischer, Krüger	413
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	268
luaprohtable	Programmable table interface for LuaLaTeX	Xiang	534
luapstricks	A PSTricks backend for LuaLaTeX	Krüger	298
luaquotes	Smart setting of quotation marks	Granet	230
luarandom	Create lists of random numbers	Voß	514
luaset	Set Operations inside LaTeX documents using Lua	Chetan Shirore and Dr. Ajit Kumar	176
luasseq	Drawing spectral sequences in LuaLaTeX	Bauer	140



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	366
luatex	The LuaTeX engine	The LuaTeX Team	477
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	381
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	281
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	279
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	413
luatodonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	313
luatruthtable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Dr. Ajit Kumar	176
luavlna	Prevent line breaks after single letter words, units, or academic titles	Hoftich	255
luaxml	Lua library for reading and serialising XML files	Hoftich	255
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	514
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	424
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	490
lucold	Use old-style digits with Lucida fonts	Loreti	319
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	187
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	203
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	424
lwarmp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	196
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	392
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	206
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	382
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	203
<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	475
m3D	Extension of plain MetaPost for 3D graphics	Phan	383
maad	Mathematical Approximations and Documentation	Watson, Jr	244
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	394
macibibtex	BibTeX for the Macintosh	Darley	186
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	520
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	420
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	307
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	490
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	490
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	490
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	207
mafr	Mathematics in accord with French usage	Obrecht	369
magaz	Magazine layout	Arseneau	132
magic	A font to go with the Magic(TM) game	Dörntge	192
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	366
magicwatermark	An easy and flexible way to set watermarks	Guo	237
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	425
mailing	Macros for mail merging	Braams	156
mailmerge	Repeating text field substitution	Frasson	216
make-env	Print USPS standard envelopes	Smith	443

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	141
make4ht	A build system for tex4ht	Hoftich	255
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	519
makebase	Typeset counters in a different base	Flynn	213
makebox	Defines a \makebox* command	Harders	243
makecell	Tabular column heads and multilined cells	Lapko	304
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	131
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	404
makecookbook	Make a Cookbook	Murphy, D’Amico	351
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	321
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	467
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	299
makeglos	Include a glossary into a document	Henlich	249
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	466
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	481
makeindex	Process index output to produce typesettable code	Chen, Beebe	174
makeindexk	Makeindex development sources	Chen, T <sub>E</sub> XLive	174
makelabels	Add a ‘makelabels’ feature to KOMA-Script letter classes and package	Kohm	291
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	510
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	428
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	457
makerobust	Making a macro robust (legacy package)	Oberdiek	366
makerobust209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	167
makeshape	Declare new PGF shapes	Robson	406
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	328
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	253
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	128
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	247
malayalam-omega	Typesetting Malayalam using Omega	Alex	128
maltese	Support input in Maltese	Farrugia	206
malvern	A sans-serif font family	Cugley	183
mandel	Compute the Mandelbrot set	Unknown	496
mandi	Macros for introductory physics and astronomy	Heafner	245
manfmt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	278
manjutex	Manju language support	Corff	181
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	174
manual	Knuth’s ”manual” fonts	Knuth, Hoekwater	289
manual209	A document style for manuals	Nieland	358
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	414
manyind	Provides support for many indexes	van der Kallen	271
mapcodes	Support for multiple character sets and encodings	Piotrowski	386
maple	Styles and examples for the MAPLE newsletter	Unknown	496
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Unknown	496
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
margbib	Display bibitem tags in the margins	Tinnefeld	485
marginal	Extensions to \marginpar handling	Tolušis	486
marginfit	Improved margin notes	Leclaire	306
marginfix	Patch \marginpar to avoid overfull margins	Hicks	251
marginnote	Notes in the margin, even where \marginpar fails	Kohm	291
marginote	Make numbered notes in the margin	Greenwade	233
markdown	Converting and rendering markdown documents inside T <sub>E</sub> X	Novotný	361
marnote	Place text in the margin of a document	McCauley	335
marvosym	Martin Vogel’s Symbols (marvosym) font	Henlich, Vogel, Miklaveč	249
matapli	Class for the french journal “MATAPLI”	Chupin	178

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
matc3	Commands for MathematicaC3 textbooks	Vrettos	518
matc3mem	Class for MathematicaC3 textbooks	Vrettos	518
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	187
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	514
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	231
mathabx-type1	Outline version of the mathabx fonts	Hotta	258
mathabx	Three series of mathematical symbols	Phan	383
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	435
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	286
mathcmd	Mathematics support commands	Bosisio	155
mathcommand	\newcommand-like commands for defining math macros	Colcombet	180
mathcomp	Text symbols in maths mode	Böß	155
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	383
mathdots	Commands to produce dots in math that respect font size	Luecking	323
mathematica	Support for fonts distributed with Mathematica	Kuska	301
mathesatz-examples	Examples from the book "Mathematiksatze mit L <sup>A</sup> T <sub>E</sub> X"	Voß	514
mathexam	Package for typesetting exams	Hlavacek	252
mathfam256	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	Yamashita	535
mathfixs	Fix various layout issues in math mode	Beisert	146
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	295
mathgifg	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	507
mathinst	Merge font families to create mathematical font sets	Hoenig	253
mathkit	Generate maths fonts to match outline fonts	Hoenig	253
mathlig	Define maths "ligatures"	Bean	141
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	398
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	390
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	423
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	266
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	424
mathpunctspace	Control the space after punctuation in math expressions	Kieda	278
mathrsfs	Support for using RSFS fonts in maths	Knappen	286
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	169
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	540
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	491
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	148
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	505
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	346
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	461
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	127
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	193
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	214
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	343
mathtime-metrics	MathTime AFM files	Unknown	496
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	311
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	256
MathTrip	A trip to the wonderful world of mathematics	Aubord	135
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	510
matlab-prettyfier	Pretty-print Matlab source code	Cretel	183
matlabweb	Literate programming system for Matlab	Potse	388

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	195
mattens	Matrices/tensor typesetting	Els	200
matxex	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	444
maybeload	Prevent reloading of files	Unknown	496
maybemath	Make math bold or italic according to context	Buckley	161
maze	Generate random mazes	Du	195
mbboard	Comprehensive blackboard bold fonts	Phan	383
mbenotes	Notes in tables or images	Borck-Elsner	153
mboxfill	Fill free space with a pattern	Rozhenko	414
mcaption	Put captions in the margin	Hennig	250
mceinleger	Creating covers for music cassettes	Benischke	147
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	502
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	535
mcite	Multiple items in a single citation	Ohl	370
mciteplus	Enhanced multiple citations	Shell	437
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	259
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	306
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	186
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	508
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	429
mdvi	A DVI previewer	Atria	135
mdwfonts	A model for font manipulation	Wooding	531
mdwlist	Miscellaneous list-related commands	Wooding	531
mdwmath	Some maths extensions	Wooding	531
mdwtab	A reimplementation of tabular and array environments	Wooding	531
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	531
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	189
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	230
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	230
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	300
meetingmins	Format written minutes of meetings	Beitzel	146
megatape	Make cassette tape labels	Nickel	356
mem	A multilingual system for Lamed	Bezos López	316
membranecomputing	Membrane Computing notation	Orellana Martín	331
memdesign	Notes on book design	Wilson, Madsen	529
memexsupp	Experimental memoir support	Madsen	327
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	529
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	496
memo2	A memo document style	McPherson	337
memo209	A memo document style	Roth	411
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	529
MemoirChapterSt...	Chapter styles in memoir class	Madsen	327
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	543
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	450
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	265
mensa-tex	Typeset simple school cafeteria menus	Friedl	217
mentis	A basis for books to be published by Mentis publishers	Verweyen	506
menu	Typesetting menus	Lickert	312
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	215
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	522
MEP_article	Class for Mechanical Engineering Publications	Balemi	137
meper	MetaPost editor and previewer	Pan	377
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte- gration	Sturm	457

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	336
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
messagebubbles	Display message bubbles as a conversation	Harrer	244
messagepassing	Draw diagrams to represent communication protocols	Vassor	503
meta-mode	Emacs mode for Metafont/post	Vieth	509
metafont-beginners	An introductory tutorial for Metafont	Tobin	485
Metafont	A system for specifying fonts	Knuth	288
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	528
metago	MetaPost output of Go positions	Zheng	543
metainfo	Typeset document outline with metainfo	Sauer	418
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	346
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	196
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	157
metaobj	MetaPost package providing high-level objects	Roegel	407
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	347
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	484
MetaPost examples	Example drawings using MetaPost	Zoonekynd	545
metapost-matlab	MetaPost data plotting in Matlab style	Yang	536
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	478
metastr	Store and compose strings	Beisert	146
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	170
metatype1	Generate Type 1 fonts from MetaPost	JNS team	268
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	222
method	Typeset method and variable declarations	Leineweber, Drucbert	309
metre	Support for the work of classicists	Boggio-Togna	152
metrix	Typeset metric marks for Latin text	Weh	522
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	398
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	264
mf-ps	Metafont-PostScript conversions	Jackowski	262
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	536
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	375
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	460
mf2tex	Add labels into drawings created with Metafont	Spalek	446
mfbook	The source of The Metafontbook	Knuth	288
mff-util	Metafont management	Cugley	184
mff	Multiple font formats	Berdnikov, Turtia	147
mfistuc	Uppercase the first letter of a word	Talbot	466
mflogo-font	Metafont logo font	Knuth, Hoekwater	290
mflogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	509
mflogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	257
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	344
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	323
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	330
mftinc	Pretty-print Metafont source	Pakin	375
mftrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	358
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	290
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	300
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	510
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	255
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	520
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	250
mhequ	Multicolumn equations, tags, labels, sub-numbering	Hairer	238
mhs	Historical mathematics	Brix	159



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	327
mi-solns	Extract solutions from exercises and quizzes	Story	455
miami	The Miami Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	409
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	339
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	428
microtype	Subliminal refinements towards typographical perfection	Schlicht	422
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	290
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	486
Mid2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	301
midnight	A set of useful macro tools	van der Goot	228
midpage	Environment for vertical centring	Robertson, Wilson	405
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	324
miktex-portable	A version of MikTeX to carry around	Schenk	421
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	421
miktex_update	A cygwin bash script for automatic updating and installing new packages of MiKTeX	Kleber	282
mil	Samples from Math into L <sup>A</sup> T <sub>E</sub> X	Grätzer	231
mil3	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition	Grätzer	231
miller	Typeset miller indices	Harders, Pedersen	243
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	282
milstd	Generate documents according to MIL STD 490	McPherson	337
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	183
mimetex	Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps	Forkosh	214
mindflow	Write your ideas in a clear way	XU	534
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	402
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	306
minifp	Fixed-point real computations to 8 decimals	Luecking	323
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	169
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	399
minim-math	Extensive maths for LuaTeX	Renkema	399
minim-mp	Low-level mplib integration for LuaTeX	Renkema	399
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	399
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	399
minim	A modern plain format for the LuaTeX engine	Renkema	399
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	481
minimalist	Write your articles or books in a simple and clear way	XU	534
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	435
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	151
minipage-marginpar	Minipages with marginal notes	Ebermann	197
MiniPlot	A package for easy figure arrangement	Wahl	519
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	194
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	236
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	387
mintspirit	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	473
minutes	Typeset the minutes of meetings	Lickert	312
mirr	PostScript mirror header (for dvips)	BOP	153
mismath	Miscellaneous mathematical macros	Missier	342
missaali	A late medieval OpenType textura font	Syrjänen	459
mitpress	Typeset documents for MIT Press	Unknown	496
mk	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	187
mkbangtex	A preprocessor for BangTeX	Ray	396

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mkbib	BibTeX file creator	Banerjee	137
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	366
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	401
mkpic	Perl interface to mfpic	Dekker	187
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	131
mkstmp	Provides a simple workflow for creating custom stamps	Story	455
mla-paper	Proper MLA formatting	Aycock, Wheelwright	135
mla	MLA BibTeX styles	Weissert, Shaw	523
mlacsls	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	389
mlbib	Support for multilingual bibliographies	Matiaske	332
mleftright	Variants of delimiters that act as maths open/close	Oberdiek	366
mlist	Logical markup for lists	Robertson	402
MLMath	Mathematical notation for Machine Learning	Ma	326
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	341
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	394
mltex	The MLTeX system	Raichle, Ferguson	394
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschafsrat Mathematik/Informatik Uni Halle	203
mm	A jiffy Multiple Master tool	Goossens, Rahtz	228
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	222
mmafm	Font metrics for multiple-master font	Kohler	290
mmap	Include CMap resources in PDF files from pdfTeX	Moore	345
mpfb	Create instance of multiple-master font	Kohler	290
mmtools	Multiple master fonts tools	Kohler	290
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	140
mnotes	Margin annotation for collaborative writing	Luz	326
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	531
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube	413
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	151
mnttex	Tools for the "The Secret History of the Mongols"	Corff	181
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	431
moderncv	A modern curriculum vitae class	Danaux, Lachnit	186
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	189
moderntimeline	Timelines for use with moderncv	Pinson	386
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	481
modiagram	Drawing molecular orbital diagrams	Niederberger	357
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	249
modular	Relative section headings for modular documents	Sank	417
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	227
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	376
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	140
monofill	Alignment of plain text	Lück	321
monster	Obsolete name for Frankenstein	Swift	459
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	181
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	435
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerquin-Kern	248
moonphase	Font for representing the phases of the moon	Brabec	157
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	459
moreenum	More enumeration options	Bradley	157

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	257
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	300
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	322
moresize	Allows font sizes up to 35.83pt	Cornelssen	182
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	204
morewrites	Always room for a new write stream	Le Floch	212
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	265
morse	Support for printing Morse code signs	Heyl	251
movie15	Multimedia inclusion package	Grahn	230
threed	3D animations	Roegel	407
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	491
mparrows	MetaPost module with different types of arrow heads	Jørgensen	269
mpattern	Patterns in MetaPost	Bolek	152
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	250
mpdinbrief	An enhanced version of dinbrief	Pilzecker	385
MPedit	MetaPost text editor for Win32	Vabishchevich	502
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	341
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	277
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	253
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	146
MPstoEPS	A convertor from MetaPost output to Encapsulated PostScript	Henderson	248
mptrees	Probability trees with MetaPost	Péault	380
mrcheckbib	A BibTeX file verification tool	Cagnol	165
mrrecog	Recognise un-escaped command names in maths	Wentworth	523
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	428
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	189
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	220
mslapa	Michael Landy's APA citation style	Landy	304
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	350
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	497
msym	A partial implementation of the old msym10 font	Horn	256
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	312
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	154
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	450
mtgreek	Use italic and upright greek letters with mathtime	Tinnefeld	485
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	447
mucproc	Conference proceedings for the German MuC-conference	Peischl	382
mugsthesis	Thesis class complying with Marquette University Graduate School requirements	Gessler	222
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	497
multenum	Multi-column enumerated lists	Kletzing	285
multiaudience	Several versions of output from the same source	Veytsman	508
multibbl	Multiple bibliographies	Syropoulos	460
multibib	Multiple bibliographies within one document	Hansen	241
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	179
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	275
multicap	Format captions inside multicols	Vassilogiorgakis	503
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	344
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	372
multicolrule	Decorative rules between columns	Hagen	238

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
multidef	Quickly define several similar macros	Markey	330
multido	A loop facility for Generic TeX	Van Zandt, Niepraschk, Voß	540
multienv	Multiple environments using a “key=value” syntax	Scharrer	420
multiexpand	Variations on the primitive command \expandafter	Le Floch	212
multifootnote	Multiple numbers for the same footnote	XU	534
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	234
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	314
multiobjective	Symbols for multiobjective optimisation etc	Martí	331
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	396
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	372
multitoc	Set table of contents in multiple columns	Schröder, Peischl	428
munich	An alternative authordate bibliography style	Brixner	159
musical	Typeset (musical) theatre scripts	Howell	258
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	170
musictex	Typesetting music with TeX	Taupin	469
musikui	Easy creation of “arithmetical restoration” puzzles	Kaneko	272
musixguit	Easy notation for guitar music, in MusixTeX	Niederberger	357
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	199
musixtex-fonts	Fonts used by MusixTeX	Tennent, Uchiyama, Taupin	475
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	491
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	475
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	473
musuos	Typeset papers for the department of music, Osnabrück	Weh	522
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	229
mversion	Keeping track of document versions	Schmeing	422
mwcls	Polish-oriented document classes	Woliński	531
mwe	Packages and image files for MWEs	Scharrer	420
mweights	Support for multiple-weight font packages	Tennent	473
mwwrite	Write information to files	Creutzig	183
mxd	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	181
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	246
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	357
mycv	A list-driven CV class, allowing TikZ decorations	Gherzi	222
myfilist	Configuring the output of the \listfiles command	Lück	322
mylatex	Make a format containing a document’s preamble	Carlisle	168
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	278
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	390
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	344
na-box	Arabic-aware version of pas-cours package	Mohamed	344
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	344
nabatean	Font for Nabatean script	Wilson	528
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	430
nahuatl	Render nahuatl glyphs	Alvarez Zavala	541
nameauth	Name authority mechanism for consistency in body text and index	Schaum	421
named	”Named” bibliography style	Patel-Schneider	379
namedef	TeX definitions with named parameters	Oleinik	370
namedtensor	Macros for named tensor notation	Chiang	176
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	368

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	194
namunstr	An unsorted BibTeX style with labels provided in the database	Unknown	497
nanicolle	Typesetting herbarium specimen labels	Yang	536
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	279
nar	BibTeX style for Nucleic Acid Research	Schneider	426
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	313
natbib	Flexible bibliography support	Daly, Ogawa	185
natded	Typeset natural deduction proofs	Ajalooeian	127
Nath	Natural mathematics notation	Marvan	331
natmove	Move punctuation following a citation	Wright, Arseneau	533
nature	Prepare papers for the journal Nature	Czoschke	184
navigator	PDF features across formats and engines	Isambert	261
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	406
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	340
nbaseprt	Print numbers in non-decimal bases	Harders	243
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	508
nccbbb	“Poor man’s” blackboard bold	Rozhenko	414
nccboxes	Elaborate box commands	Rozhenko	414
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	414
ncccropbox	Crop-marked boxes	Rozhenko	414
ncccropmark	Draw cropmarks on the output page	Rozhenko	414
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	414
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	414
nccfoots	User-generated footnote marks	Rozhenko	414
NCC-LaTeX	An extended general-purpose class	Rozhenko	414
nccmath	Extended mathematics capabilities	Rozhenko	414
nccparskip	Modify skips between paragraphs	Rozhenko	414
nccpic	Extend the graphicx package for more formats	Rozhenko	414
nccrules	Compose dashed lines	Rozhenko	415
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	415
ncstretch	Insert a stretch between each token of a string	Rozhenko	415
nccthm	Another theorem environment	Rozhenko	415
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	415
nChairX	Maths macros from chair X of Würzburg University	Dippell	191
nddiss	Notre Dame Dissertation format class	Vijay, Brower	510
ndsu-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	166
ndsu-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	484
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	210
needspace	Insert pagebreak if not enough space	Robertson, Wilson	405
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	490
nemocal	Calendar maker	Jeong	267
nestquot	Alternate quotes between double and single with nesting	Hars	244
neufont	New font installation	Lorenz	319
neuralnetwork	Graph-drawing for neural networks	Cowan	183
neuron	BibTeX style for the journal Neuron	Rizzuto	401
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	152
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	206
newapa	Another APA citation mechanism	Spencer, Ryu	446
newcastle-bst	A BibTeX style to format reference lists in the Harvard at Newcastle style	Briggs	159
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	459
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	375
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	489
newenviron	Processing an environment’s body	Musa	352



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	405
newfloat	Define new floating environments	Sommerfeldt	445
newinsert	Reworking Plain T <sub>E</sub> X's insert macros	Neumann	355
newl <sub>fm</sub>	Write letters, facsimiles, and memos	Thompson	484
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	211
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	385
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	435
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	225
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	129
newthm	Obsolete version of ntheorem	Schlechte	422
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	435
newtxsf	Sans-math fonts for use with newtx	Sharpe	435
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	435
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	234
newvbtm	Define your own verbatim-like environment	Nakashima	353
newverbs	Define new versions of \verb, including short verb versions	Scharrer	420
nextpage	Generalisations of the page advance commands	Robertson, Wilson	405
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	514
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	397
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	344
ngerman	Support for new German typography	Raichle	394
nicefilelist	Provide \listfiles alignment	Lück	322
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	398
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	359
niceframe	Support for fancy frames	Ohlhaut	370
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	377
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	322
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	322
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	265
nih	A class for NIH grant applications	Donald	192
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	328
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	435
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	413
ninecolors	Select colors with proper WCAG color contrast	Lyu	326
NJUrepo	Reports for Nanjing University	Zheng	543
njusthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	543
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	543
njuvisual	Display logos related to Nanjing University	Xiong	534
nkarta	A "new" version of the karta cartographic fonts	Luecking	323
nl-interval	Represent intervals on the number line	Neves	356
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	256
nlctdoc	Package documentation class	Talbot	466
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	508
nndraw	Draw neural networks	Dias	190
nnext	Extension for the gb4e package	LaCara	302
nnfootnote	"No number" footnotes	Ellison	200
noconflict	Resolve macro name conflict between packages	Hossain	258
nodetree	Visualize node lists in a tree view	Friedrich	217
nofill	Preserve spaces and line breaks when setting text	Unknown	497
nohyph	Norwegian hyphenation	Kleveland, Selberg,	285
		Hufthammer	
nohyphbx	General hyphenation patterns for Norwegian	Kleveland, Selberg	285
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	248
noitcrul	Improved underlines in mathematics	Ebermann	197

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nolbreaks	No line breaks in text	Arseneau	132
nomencl	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan, Netherton, Schandl	509
nomentbl	Nomenclature typeset in a longtable	Elmegaard	200
nonfloat	Non-floating table and figure captions	Rascher	395
nonumonpart	Prevent page numbers on part pages	Henel	249
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	168
noprot	Avoid the need for protection	Sozuer	446
norbib	Norwegian bibliography styles	Langmyhr	304
normalcolor	Changing \normalcolor	Kohm	292
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	508
notes	Mark sections of a document	Webb	522
notes2bib	Integrating notes into the bibliography	Wright	532
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	274
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	190
noTeX-bst	A BibTeX style that outputs HTML	Vigna	509
noto-emoji	Noto Emoji fonts	Zeng	542
noto	Support for Noto fonts	Tennent	473
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	132
notoCJKsc	This package provides Noto CJK fonts	Zhou	543
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	473
notomath	Math support for Noto fonts	Sharpe	435
novel	Class for printing fiction, such as novels	Allgeyer	129
noweb	A simple extensible literate programming tool	Ramsey	395
nowidow	Avoid widows	Pinson	386
nox	Adaptable tables	Borck-Elsner, Schöpf	154
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	418
nrc	Class for the NRC technical journals	Fairbairns, Thiele	205
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	457
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Ge- bruikersgroep	353
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	497
ntgclass	"European" versions of standard classes	Eijkhout, Braams	199
nth	Generate English ordinal numbers	Arseneau	132
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	260
ntheorem	Enhanced theorem environment	May, Schedler	334
NTS-L	NTS mailing list digests	Unknown	497
NTS	New Typesetting System	The NTS Project	478
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	286
nuc	Notation for nuclear isotopes	Davis	187
nucleardata	Provides data about atomic nuclides for documents	Nettles	354
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	332
numberedblock	Print a block of code, with unique index number	Segletes	432
numberpt	Counters spelled out in Portuguese	Frasson	216
numending	Generates morphological end of units	Kirillova	281
numera-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	379
numera-tables	Create multi-column tables of mathematical functions	Parsloe	379
numera	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	378
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	294
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	264
numname	Convert a number to its English expression	Swamidass	458
numnameru	Converts a number to the russian spelled out name	Vit	510
numprint	Print numbers with separators and exponent if necessary	Harders	243
numspell	Spelling cardinal and ordinal numbers	Tómacs	487

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	221
nwejm	Support for the journal “North-Western European Journal of Mathematics”	Bitouzé	150
<b>OOOOO</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	528
obas	Web based interface to a bibliographical database	van Heerden	245
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	366
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	393
obnov	Obyknovennaya Novaya fonts	Solomykov	444
obsolete	A tree holding obsolete software	Unknown	497
oca	OCR A font	Wales	519
occam	Strip unnecessary macros from a file	Siebenmann	439
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	524
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	330
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	219
ocgx2	Drop-in replacement for ‘ocgx’ and ‘ocg-p’	Grahn	230
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	285
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	460
ocr-a	Fonts for OCR-A	Wales, Lillqvist	519
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	519
ocr-b	Fonts for OCR-B	Schwarz	430
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	269
octave	Typeset musical pitches with octave designations	Cashner	171
octavo	Typeset books following classical design and layout	Reverts	399
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	255
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	136
ofntinst	Install Type 1 for use with Omega	Kryukov	298
ofs	Macros for managing large font collections	Olšák	371
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	449
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	460
okuda	Fonts for Klingon	Kummer, Shoulson	300
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	192
old-faq-en	An early FAQ in English	Bodenheimer	152
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	337
oldlatin	Compute Modern-like font with long s	Terashita	475
oldprsn	Fonts old Persian cuneiform script	Wilson	528
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	298
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	204
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	488
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	371
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	241
12many	Generalising mathematical index sets	Schwarz	430
OneDown	Typeset Bridge Diagrams	Wiersma	525
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	385
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using amsmath	Harders	243
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	334
oops	A framework for making definitions, typically mathematical, inline	Rogard	407
opacity-pro	Set transparency and blend mode	Story	455
opcit	Footnote-style bibliographical references	Garcia-De Castro	171

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
opencolor	Simple use of the Open Color colors	Piazzai	383
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	345
oPlotSymb1	Some symbols which are not easily available	Döhring	191
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	198
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	371
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	244
optidef	Environments for writing optimization problems	Lago Garcia	220
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	309
optparams	Macros with multiple optional parameters	Sauer	418
orcidlink	Insert hyperlinked ORCID logo	Stein	450
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	438
orderrefs	Sort bibliography in L <sup>A</sup> T <sub>E</sub> X document by order of citation	Collins	180
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	216
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	389
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	341
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	247
orkhun	A font for orkhun script	Rakhimov	394
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	284
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	372
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	449
osmanian	Osmanian font for writing Somali	Stanier	449
Oswald	The Oswald family of fonts with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
ot-tableau	Optimality Theory tableaux in L <sup>A</sup> T <sub>E</sub> X	Baker	136
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	393
OT2Woff	OpenType to Woff converter	Frane Jr	270
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	373
otftofd	Generate control files for OpenType fonts	Washburn	521
othello	Modification of a Go package to create othello boards	le Comte	181
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	240
oubraces	Braces over and under a formula	Arseneau	132
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	268
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	209
outline	List environment for making outlines	Halvorson, Flaxman	240
outliner	Change section levels easily	Eijkhout	199
outlines	Produce "outline" lists	Pecheur	380
outlining	Create outlines for scientific documents	Block	151
oval	Round-cornered framed boxes	Schalück	419
ovalfbox	Boxes with frames whose corners are rounded	Unknown	497
overcite	Compressed lists of superscript numerical citations	Arseneau	132
overlays	Incremental slides	Nolda	360
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	359
overrightarrow	Doubled "over" arrow	Kilfiger	279
overword	Parse text	Bennett	147
oxford	A BibTeX style geared for use in the humanities	Antman	130
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	319
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	339
oztex	TeX for the Macintosh	Trevorrow	488
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	528
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	473

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
padcount	Pad numbers with arbitrary characters	Goodman	228
pagecolor	Interrogate page colour	Münch	349
pagecont	Page numbering that continues between documents	Frasson	216
pagedraw	Drawing program with EPS output	Karunakaran	273
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	421
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	443
pagegrid	Print page grid in background	Oberdiek	366
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	514
pageno	Page number-only page styles	McDonnell	335
pagenote	Notes at end of document	Robertson, Wilson	405
pagerange	Flexible and configurable page range typesetting	Musa	352
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	492
pagesel	Select pages of a document for output	Oberdiek	366
pagesits	Variants of last page labels	Münch	349
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	393
palette	Create palettes for colors and symbols that can be swapped in	Chen	173
palladam	A Tamil font for Macintosh users	Govindaraj	229
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	269
pandora-type1	The Pandora font family	McPhee, Billawalla	336
pandora	The Pandora font family	Billawalla	150
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	542
paper	Versions of article class, tuned for scholarly publications	Matiaske	332
papercdcase	Origami-style folding paper CD case	Dussa	196
papermas	Compute the mass of a printed version of a document	Münch	349
papertex	Class for newspapers, etc	Llopis	314
paracol	Multiple columns with texts “in parallel”	Nakashima	353
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	378
paragraphs	Paragraph “tricks” macros	Unknown	497
paralist	Enumerate and itemize within paragraphs	Schandl	419
parallel	Typeset parallel texts	Eckermann	198
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	206
parboxx	Two extra alignment options for \parbox	Knappen	286
parcolumns	Multiple column parallel typesetting	Sauer	418
paresse	Define simple macros for greek letters	Henel	249
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	277
parnotes	Notes after every paragraph (or elsewhere)	Hughes	259
parrun	Typesets (two) streams of text running parallel	Dominici	191
parsa	A X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	395
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	277
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	205
pas-cours	Macros useful in preparing teaching material	Pasquet	379
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	379
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	379
pas-tableur	Create a spreadsheet layout	Pasquet	379
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	221
passivetex	Support package for XML/SGML typesetting	Rahtz	393
patch	Patch loaded packages, etc.	Kastrup	273
patchcmd	Change the definition of an existing command	Downes	193
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	312
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	241
path	Typeset paths, making them breakable	Taylor	469



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	197
pawpict	Using graphics from PAW	Holm Christensen	177
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	369
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	163
pbalance	Balance last page in two-column mode	Lago	302
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	327
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	265
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	139
pbmtogf	Convert PBM images to GF font files	Wong	531
PBMtoPK	Conversion between PBM and PK formats	Duggan	195
pbox	A variable-width \parbox command	Law	306
pbsheet	Problem sheet class	Chafaï	172
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	508
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	388
pclnfs	Font support for current PCL printers	Harcke	242
pdf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	146
pdcmac	Damian Cugley's document tools	Cugley	184
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	296
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	238
pdf-trans	A set of macros for various transformations of T <sub>E</sub> X boxes	Jackowski	264
pdf14	Restore PDF 1.4 to a T <sub>E</sub> X live 2010 format	Pégourié-Gonnard	381
pdfarticle	Class for pdf publications	Paciorek	373
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	200
pdfbook2	Create booklets from PDF files	Neumann	355
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	366
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	366
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	366
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	366
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	366
pdfcomment	A user-friendly interface to pdf annotations	Kleber	282
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	429
pdfcrop	Crop PDF graphics	Oberdiek	366
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	366
pdfescape	Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX	Oberdiek	366
pdfextra	Extra PDF features for (Op)TeX	Vlasák	511
pdfjam	Shell scripts interfacing to pdfpages	Firth, Thomas	210
pdfflatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	526
pdfscape	Make landscape pages display as landscape	Oberdiek	366
pdfmanagement-t...	L <sup>A</sup> T <sub>E</sub> X PDF management testphase bundle	L <sup>A</sup> T <sub>E</sub> X Team	481
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	208
pdfMsym	PDF Math Symbols — various drawn mathematical symbols	Unknown	497
pdfoverlay	A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF	Purton	390
pdfpagediff	Find difference between two PDF's	Radhakrishnan	391
pdfpages	Include PDF documents in L <sup>A</sup> T <sub>E</sub> X	Matthias	334
pdfpc-movie	Pdfpc viewer-compatible hyperlinks to movies	Friedl	217
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	449
pdfprivacy	A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data	Sion	441
PDFrack	Use psfrag with pdfLaTeX	Boyer	156
pdfrender	Control rendering parameters	Oberdiek	367
pdfreview	Annotate PDF files with margin notes	Palmer	376
pdfscreen	Support screen-based document design	Radhakrishnan	391
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	392
pdfsync	Provide links between source and PDF	Laurens	305

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	401
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	279
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	295
pdftex	A T <sub>E</sub> X extension for direct creation of PDF	Thành, The pdfTeX Team, T <sub>E</sub> XLive	475
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	367
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	392
pdftricks2	Use PSTricks in pdfTeX	Reibiger	397
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	392
pdfxup	Create n-up PDF pages with minimal margins	Markey	330
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	265
pedigree-perl	Generate T <sub>E</sub> X pedigree files from CSV files	Veytsman, Akhmadeeva	508
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> T <sub>E</sub> X users	Ewasiuk	203
penrose	A TikZ library for producing Penrose tilings	Stacey	448
perception	BibTeX style for the journal Perception	Singer	441
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	349
perltx	Define L <sup>A</sup> T <sub>E</sub> X macros in terms of Perl code	Pakin	375
permute	Support for symmetric groups	Heinz	246
perpage	Make a counter reset at every page boundary	Kastrup	273
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	129
petiteannonce	A class for small advertisements	Belaïche	146
Petri-nets	A set T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X packages for drawing Petri nets	Pommereau	387
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	153
pfarrei	L <sup>A</sup> T <sub>E</sub> X support of pastors' and priests' work	Kohm	292
pficons	Draw process flow diagrams in chemical engineering	Drews	194
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	304
pfnote	Number footnotes per page	Nakashima	353
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	389
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	390
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	522
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	226
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	478
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	188
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	226
pgf-umlcd	Some L <sup>A</sup> T <sub>E</sub> X macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	539
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	478
pgf	Create PostScript and PDF graphics in T <sub>E</sub> X	The PGF/TikZ Team, Tan-tau, Feuersänger, Menke	478
pgfgantt	Draw Gantt charts with TikZ	Skala	442
pgfkeys	Key value control for PGF	Tantau	468
pgfkeyx	Extended and more robust version of pgfkeys	Musa	352
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	447
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	442
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	448
pgfopts	L <sup>A</sup> T <sub>E</sub> X package options with pgfkeys	Wright	532
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	312
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	333
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	208
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	208
pgothic	Fonts based on the Gothic Textura Presciscus manuscript book-hand	Wilson	528
phaistos	Disk of Phaistos font	Syropoulos	460
phfcc	Convenient inline commenting in collaborative documents	Faist	205

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	205
phffullpagefigure	Figures which fill up a whole page	Faist	205
phfnote	Basic formatting for short documents	Faist	205
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	205
phfqit	Macros for typesetting Quantum Information Theory	Faist	205
phfquotetext	Quote verbatim text without white space formatting	Faist	205
phfsvnwatermark	Watermarks with version control information from SVN	Faist	205
phfthm	Goodies for theorems and proofs	Faist	205
philex	Cross references for named and numbered environments	Pagin	374
philokalia	A font to typeset the Philokalia Books	Syropoulos, Gamvetas	461
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	508
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	528
phoncard	Format telephone number lists	Greening	233
phonenumbers	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	523
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	380
phonrule	Typeset linear phonological rules	Coretta	181
photo	A float environment for photographs	Kuhlmann	299
photobook	A document class for typesetting photo books	Naanou	352
phy-bstyles	A collection of BibT <sub>E</sub> X styles for physics journals	Karney, Bode	273
physconst	Macros for commonly used physical constants	Mulligan	348
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	348
physymb	Assorted macros for Physicists	Zaslavsky	541
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	272
pi	Calculate pi	Roegel	407
piano	Typeset a basic 2-octave piano diagram	Daneault	186
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	446
picins	Insert pictures into paragraphs	Bleser	151
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	289
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	220
pictex-autoarea	Automatic computation of bounding boxes with PiCT <sub>E</sub> X	Lück	322
PicT <sub>E</sub> X	Picture drawing macros for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Wichura	525
pictex2	Adds relative coordinates and improves the \plot command	Park	378
PicT <sub>E</sub> Xsum	A summary of PicT <sub>E</sub> X commands	Duggan	195
pictexwd	A patched version of PicT <sub>E</sub> X using fewer registers	Schrell	427
picture	Dimens for picture macros	Oberdiek	367
piechart	Simple pie-charts with PSTricks	Girou	224
piechartmp	Draw pie-charts using MetaPost	Morawski	346
piff-ams	Early macros for using AMS fonts	Piff	384
piff	Macro tools by Mike Piff	Piff, Carlisle	384
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	425
pigpen	A font for the pigpen (or masonic) cipher	Corff	181
pinlabel	A T <sub>E</sub> X labelling package	Rourke	412
pinouTikZ	Draw chip pinouts with TikZ	Blazek	151
pitex	Documentation macros	Isambert, Robbers	262
piton	Typeset Python listings with LPEG	Pantigny	377
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	171
pitthesis	Document class for University of Pittsburgh theses	Kim	280
pixelart	A package to draw pixel-art pictures	Paternault	380
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	520
pkfind	A 'find' command which understands pk files	Vojta	511
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	376

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	367
pkgcheck	CTAN package checker	Lotz	320
pkgloader	Manage the options and loading order of other packages	Helvensteijn	248
pkuthss	L <sup>A</sup> T <sub>E</sub> X template for dissertations in Peking University	Vector	504
pkware	Utility programs for use with PK bitmap fonts	Rokicki, T <sub>E</sub> XLive	408
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	264
pl	Literate Programming for Prolog with L <sup>A</sup> T <sub>E</sub> X	Neugebauer	355
placeat	Absolute content positioning	Trautmann	487
placeins-plain	Insertions that keep their place	Arseneau	133
placeins	Control float placement	Arseneau	133
plain-cm	Variable sized fonts in Plain T <sub>E</sub> X	Brotsky, Horn	160
plain-ltx	Make plain T <sub>E</sub> X files L <sup>A</sup> T <sub>E</sub> Xable	Carlisle	168
plain	The Plain T <sub>E</sub> X format	Knuth	289
plainmisc	Miscellaneous contributed macros for plain T <sub>E</sub> X	Unknown	497
plainpkg	A minimal method for making generic packages	Lück	322
plainyr	Plain bibliography style, sorted by year first	Perrone	382
plantslabels	Write labels for plants	Merciadri	338
plantuml	Support for rendering UML diagrams using the syntax and tool of PlantUML	Kopp	294
plari	Typesetting stageplay scripts	Kaijanaho	271
plates	Arrange for "plates" sections of documents	Tanbakuchi	468
platex-tools	pL <sup>A</sup> T <sub>E</sub> X standard tools bundle	Yamashita	535
platex	pLaTeX2e and miscellaneous macros for pT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team	328
platexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Japanese	Asakura	134
plautopatch	Automated patches for pLaTeX/upLaTeX	Yamashita	535
play-font	The Play font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	198
play	Typeset drama using L <sup>A</sup> T <sub>E</sub> X	Kilfiger	279
playfair	Playfair Display fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	473
plcalendar	Plain macros for making nice calendars	Unknown	497
plex-otf	Support for the OpenType font IBM Plex	Voß	514
plex	Support for IBM Plex fonts	Tennent	474
plfonts	Polish extension to Computer Modern fonts	Unknown	497
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	294
plimsoll	Fonts with the Plimsoll symbol and L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	269
plipsum	'Lorem ipsum' for Plain T <sub>E</sub> X developers	Spina	446
plnfss	Font selection for Plain T <sub>E</sub> X	Thành, Konecny, Kotucha	475
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	361
plstmary	St. Mary's Road font support for plain T <sub>E</sub> X	Luecking	323
pm-isomath	Poor man ISO math for pdfL <sup>A</sup> T <sub>E</sub> X users	Beccari	143
pmat	Typeset partitioned matrices	Oliveira e Silva	440
pmboxdraw	Poor man's box drawing characters	Oberdiek	367
pmcstex	L <sup>A</sup> T <sub>E</sub> X in emTeX IDE/FrontEnd for EPM	Mikulik	340
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	455
pmddl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	390
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	147
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	280
pmtex	Preprocessor for MusicTeX	Simons	441
pmx	Preprocessor for MusiXTeX	Simons, Tennent	441
pmxchords	Produce chord information to go with pmx output	Fafejta	203
PNAS	BibTeX style for PNAS (old version)	Rogers	408
PNAS 2009	BibTeX style for PNAS (newer version)	Rogers	408
png2pdf	PNG to PDF converter	Krause	296
poemscol	Typesetting Critical Editions of Poetry	Burt	164

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	253
poetry	Facilities for typesetting poetry and poetical structure	Goodman	228
poetrytex	Typeset anthologies of poetry	Whited	525
pointruler	12" Ruler containing Points and Inches	Henderson	248
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
polexpr	A parser for polynomial expressions	Burnol	163
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	362
polski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	370
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	263
polyglossia	An alternative to babel for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Charette, Rosendahl	173
polynom	Macros for manipulating polynomials	Heinz, Adriaens	246
polynomial	Typeset (univariate) polynomials	Höst	258
polytable	Tabular-like environments with named columns	Löh	314
poorman	Raster Chinese and Japanese fonts	Ridgeway	400
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	163
popupmenu	Create popup menus in PDF files	Story	455
Portable MikTeX	Instructions for setting up MikTeX on a portable device	Grahn	230
portland	Simple portrait/landscape switching	Partl	379
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	255
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	398
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	281
poster-mac	Make posters and banners with T <sub>E</sub> X	Van Zandt	540
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	200
postnotes	Endnotes for L <sup>A</sup> T <sub>E</sub> X	Barros	138
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	514
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	311
powerdot	A presentation class	Adriaens, Ellison	127
ppchtex	Typeset chemical formula diagrams	Hagen	238
pphlp	Generate VMS help files from L <sup>A</sup> T <sub>E</sub> X 2.09 source	Gray	232
ppower4	A postprocessor for PDF presentations	Guntermann	237
ppr-prv	Prosper preview	Goutelle	229
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	162
pracjourn	Typeset articles for PracTeX	Robertson	402
practical-latex	Example files for "Practical L <sup>A</sup> T <sub>E</sub> X"	Grätzer	231
practicalreports	Some macros for writing practical reports	Cawood	171
precatl	Prepare special catcodes from token list	user202729	501
prelim	Mark preliminary copies with a line of information	Tolksdorf	486
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	428
prepr	Preprint macros	Calvani	166
preprint	A bundle of packages provided "as is"	Daly	185
prerex	Interactive editor and macro support for prerequisite charts	Tennent	474
present	Presentations with Plain T <sub>E</sub> X	Meister	338
presentations-en	Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X	Voß	514
presentations	Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X	Voß	514
pressrelease	A class for typesetting press releases	Talbot	466
prettyref	Make label references "self-identify"	Ruland	416
prettytok	Pretty-print token lists	user202729	501
preview-latex	Preview equations in Emacs	Kastrup	273
preview	Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output	Kastrup, The AUCTeX Team	274
prftree	Macros for building proof trees	Benini	147
principia	Notations for typesetting the "Principia Mathematica"	Elkind	200
printbib	Print the contents of a bibliography	Unknown	497
printlen	Print lengths using specified units	Robertson, Wilson, Harders	406
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	356



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
probsoln	Generate problem sheets and their solution sheets	Talbot	466
proc	Class for producing “proceedings”	L <sup>A</sup> T <sub>E</sub> X Team	481
processkv	Process key-value pairs	Sauer	418
procIAGssymp	Macros for IAG symposium papers	Benciolini	146
prodint	A font that provides the product integral symbol	Gill, Loredó-Osti	224
productbox	Typeset a three-dimensional product box	Neugebauer	355
ProfCollege	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college	Poulain	388
proflabo	Draw laboratory equipment	Mounier	347
ProfLycee	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school	Pierquet	384
progkeys	Typeset programs, recognising keywords	Alabau	127
program	Typesetting programs and algorithms	Ward	521
progress	Creates an overview of a document’s state	Graversen	231
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	268
ProjLib	A series of tools to simplify your workflow	XU	534
proof-at-the-end	A package to move proofs to appendix	Colisson	180
proof	Shell based proofing for T <sub>E</sub> X-related files	Bosau	154
proofread	Commands for inserting annotations	Dekker	187
proofs	Macros for building proof trees	Taylor	469
prooftrees	Forest-based proof trees (symbolic logic)	Rees	397
properties	Load properties from a file	Niedermair	358
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	291
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goulard	229
protecteddef	Define protected commands	Oberdiek	367
protex	Literate programming package	The TeX4ht Team, Gurari	476
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	208
protocol	A class for minutes of meetings	Leineweber	309
protosem	Fonts for proto-Semitic cuneiform script	Wilson	528
prtec	A template for PRTEC conference papers	Lienhard	312
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	187
przechlewski-book	Examples from Przechlewski’s L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	390
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	151
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	504
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	490
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	354
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	354
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	359
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	506
psbox	PostScript box macros, etc	Orloff	372
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	328
pseudo	Straightforward pseudocode	Hetland	251
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	296
psfig	A graphics inclusion package	Darrell	186
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	191
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	281
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	393
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	497
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	176
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	231
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	172
psfragx	A psfrag eXtension	Kockaert	290
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	298
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	369

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pslatex	Use PostScript fonts by default	Carlisle	168
psmerge	Concatenate PostScript files	Duggan	195
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	424
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	424
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	497
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	393
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	256
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	424
pspic	Drawing pictures using PostScript specials	Thorup	484
pspicture	PostScript picture support	Carlisle	168
psrip	Extract images from PostScript files	Lackas	302
pssplit	Select pages from PostScript files	Kleiweg	284
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	188
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	541
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	514
pst-abspos	Put objects at an absolute position	Voß	514
pst-am	Simulation of modulation and demodulation	Luque, Voß	325
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	517
pst-arrow	Special arrows for PSTricks	Voß	515
pst-asr	Typeset autosegmental representations for linguists	Frampton	215
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	400
pst-barcode	Print barcodes using PostScript	Burton, Voß	165
pst-bezier	Draw Bezier curves	Nähring, Voß	353
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	222
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	435
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	515
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	325
pst-cie	CIE color space	Luque, Voß	325
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	517
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	517
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	324
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	324
pst-dart	Plotting dart boards	Voß	515
pst-dbicons	Support for drawing ER diagrams	May	334
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	325
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	223
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	517
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	272
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	406
pst-exa	Typeset PSTricks examples, with code	Voß	515
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	515
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	224
pst-fit	Macros for curve fitting	Ledger, Voß	306
PST-Flags	Draw flags of countries using PSTricks	Manthanwar	329
pst-fp	Fixed-point arithmetic in PSTricks	Voß	515
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	224
pst-fractal	Draw fractal sets using PSTricks	Voß	515
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	325
pst-func	PSTricks package for plotting mathematical functions	Voß	515
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	224
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	325
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	444
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	224
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	517

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-graphicx	A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X	Voß	515
pst-hsb	Curves with continuous colours	Voß	515
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	270
pst-intersect	Compute intersections of arbitrary curves	Bersch	148
pst-Jtree	Typeset complex trees for linguists	Frampton	215
pst-knot	PSTricks package for displaying knots	Voß	515
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	224
pst-layout	Page layout macros based on PSTricks packages	Sharpe	435
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	324
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	224
pst-lsystem	Create images based on a L-system	Voß	515
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	224
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	223
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	270
pst-mirror	Images on a spherical mirror	Luque, Voß	325
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	224
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	540
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	224
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	230
pst-optexp	Drawing optical experimental setups	Bersch	148
pst-optic	Drawing optics diagrams	Luque, Voß	325
pst-osci	Oscgons with PSTricks	Luque, Jorssen	324
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	541
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	193
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	359
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	508
pst-perspective	Draw perspective views using PSTricks	Söll	444
pst-platon	Platonic solids in PSTricks	Luque, Voß	325
pst-plot	Plot data using PSTricks	Van Zandt, Voß	541
pst-poker	Drawing poker cards	Voß	515
pst-poly	Polygons with PSTricks	Girou, Voß	224
pst-pulley	Plot pulleys, using PSTricks	Söll	444
pst-qtree	Simple syntax for trees	Chiang, Gildea	176
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	444
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	325
pst-shell	Plotting sea shells	Voß, Luque	517
pst-sigsys	Support of signal processing-related disciplines	Delgosha	188
pst-slpe	Sophisticated colour gradients	Giese, Voß	223
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	325
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmittbuhl, Voß	510
pst-soroban	Draw a Soroban using PSTricks	Delmotte	188
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	425
pst-spinner	Drawing a fidget spinner	Voß, Luque	517
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	325
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	331
pst-support	Assorted support files for use with PSTricks	Voß	515
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	517
pst-thick	Drawing very thick lines and curves	Luque, Voß	325
pst-tools	PSTricks support functions	Voß	515
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	516
pst-turtle	Commands for “turtle operations”	Voß	515
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	541

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-uml	UML diagrams with PSTricks	Diamantini	190
pst-vectorian	Printing ornaments	Fradin	215
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	444
pst-venn	A PSTricks package for drawing Venn sets	Voß	516
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	350
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	325
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	126
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	517
pstdoc	A tool for PSTricks documentation	Sharpe	435
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	259
pstoedit	Translate PostScript and PDF to other formats	Glunz	225
pstool	Support for psfrag within pdfLaTeX	Robertson, Prime	403
pstotext	Extract ASCII from PostScript and PDF	Birrell, McJones	150
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	451
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	517
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	516
pstricks-calcnodes	Use of PSTricks in calculus lecture notes	Quan	391
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	516
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	516
pstricks-examples	PSTricks examples	Voß	516
pstring	Typeset sequences with justification pointers	Blum	151
psu-thesis	Package for writing a thesis at Penn State University	Floros	213
psutils	PostScript utilities	Duggan	195
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	266
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	265
ptex-fonts	Fonts for use with pTeX	Japanese T <sub>E</sub> X Team, Maeda	266
ptex-manual	Japanese pTeX manual	Japanese T <sub>E</sub> X Team	265
ptex-texmf	Macro and other extensions for use with PTeX	Japanese T <sub>E</sub> X Team	266
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	265
ptex2pdf	Convert Japanese T <sub>E</sub> X documents to PDF	Japanese T <sub>E</sub> X Team	266
ptext	A ‘lipsum’ for Persian	Damanafshan	185
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	399
ptmsc	Addon to the newtx package	Sharpe	435
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	539
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	487
ptsans	PT Sans font and L <sup>A</sup> T <sub>E</sub> X support	Farar	206
ptserif	PT Serif font and L <sup>A</sup> T <sub>E</sub> X support	Farar	206
Punk-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for punk fonts	Jørgensen	269
punk	Donald Knuth’s punk font	Knuth, Grover	289
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	257
purifyeps	Make EPS work with both L <sup>A</sup> T <sub>E</sub> X/dvips and pdfLaTeX	Pakin	376
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	372
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	422
PWT	An outline of publishing with T <sub>E</sub> X	van der Laan	302
pxbase	Tools for use with (u)pLaTeX	Yato	538
pxchfon	Japanese font setup for pL <sup>A</sup> T <sub>E</sub> X and upLaTeX	Yato	538
pxcjkcat	L <sup>A</sup> T <sub>E</sub> X interface for the CJK category codes of upTeX	Yato	538
pxfonts	Palatino-like fonts in support of mathematics	Ryu	416
pxgreek	Shape selection for PX fonts Greek letters	Burnol	164
pxjahyper	Hyperref support for pLaTeX	Yato	538
pxjodel	Help change metrics of fonts from japanese-otf	Yato	538
pxpgfmark	e-pTeX driver for PGF inter-picture connections	Yato	538

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pxpic	Draw pixel pictures	Spratte	448
pxrubrica	Ruby annotations according to JIS X 4051	Yato	538
pxtatescale	Patch to graphics driver for scaling in vertical direction of pTeX	Yamashita	535
ptxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	436
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	538
pybib	Command line utilities to check, sort, merge BibTeX files	Corke	182
pybliographer	A tool for managing bibliographic databases	Gobry	225
pydocstrip	Scripted version of L <sup>A</sup> T <sub>E</sub> X docstrip	Huynh	260
pygmentex	Use Pygments to format code listings in documents	Malaquias	329
PyLuaTeX	Execute Python code on the fly in your L <sup>A</sup> T <sub>E</sub> X documents	Enderle	201
python	Embed Python code in L <sup>A</sup> T <sub>E</sub> X	Ehmsen	199
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	504
pythonimmediate	Library to run Python code	user202729	501
pythontex	Run Python from within a document, typesetting the results	Poore	387
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	340
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	226
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	197
QCM	A L <sup>A</sup> T <sub>E</sub> X2e class for making multiple choice questionnaires	Verna	505
qdtexvpl	Quick and dirty virtual font creation	Mattes	333
qed	Produce an "end-of-proof" mark	Taylor	469
qfig	DOS graphics program	Ofosu-Amaah	369
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	268
qm	Commands for bras and kets and the like	Christlieb	177
qms	VMS tools for controlling QMS printers	Unknown	498
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	441
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	382
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	248
qrcestamps	Create QR codes using stamps	Story	455
qsharp	Syntax highlighting for the Q# language	Granade	230
qstest	Bundle for unit tests and pattern matching	Kastrup	274
qsymbols	Maths symbol abbreviations	Rose	410
qtree	Draw tree structures	Dimitriadis, Siskind	190
qualitytype	The QualiType font collection	Miller	341
quantikz	Draw quantum circuit diagrams	Kay	274
quantumarticle	Document class for submissions to the Quantum journal	Quantum — the open journal for quantum science, Meyer, Gogolin	391
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	340
quiz2socratic	Prepare questions for socratic quizzes	Lella	309
quotation	Typeset an attributed quotation	Unknown	498
quotchap	Decorative chapter headings	Klever, Tinnefeld	285
quote	Match pairs of double-quote characters	Goatley	225
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	155
quoting	Consolidated environment for displayed text	Titz	485
quotmark	Consistent quote marks	Talbot	466
quran-bn	Bengali translations to the quran package	Razavian	396
quran-de	German translations to the quran package	Razavian	396
quran-ur	Urdu translations to the quran package	Razavian	396
quran	An easy way to typeset any part of The Holy Quran	Razavian	396
qyxf-book	Book Template for Qian Yuan Xue Fu	You	539
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	360



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
r2bib	Convert refer and EndNote files to BibTeX	Mathar	332
ragged	Generic ragged left and ragged right options	Siebenmann	439
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	428
raggedr	Set an entire document raggedright	Kilfinger	279
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	410
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	312
raleway	Use Raleway with T <sub>E</sub> X(-alike) systems	Hofstra	254
ran_toks	Randomise token strings	Story	455
randbild	Marginal pictures	Ebermann	197
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	133
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	173
randomwalk	Random walks using TikZ	Le Floch	212
randtext	Randomise the order of characters in strings	Duan	195
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	189
rangen	Generate random integers, rational and decimal numbers	Story	455
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	336
ransom	A “very bad typewriter” font	Knuth	289
ratex	A package for German lawyers	Vosberg	512
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	256
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	266
rawprint	Print raw Russian text	Veytsman	508
rbt-mathnotes	Rebecca Turner’s personal macros and styles for typesetting mathematics notes	Turner	490
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	237
rcs-multi	Typeset RCS version control in multiple-file documents	Scharrer	420
rcs-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	410
rcs	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	428
rcsinfo	Support for the revision control system	Vollmer	511
ReadableCV	A highly readable and good looking CV and letter class	Stone	452
readarray	Read, store and recall array-formatted data	Segletes	432
readprov	Provides GetFileInfo without the need to load the file	Lück	322
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	420
realcalc	Macros for real arithmetic calculations	Buchholz	161
realhats	Put real hats on symbols instead of ^	Scroggs, Townsend	431
realscripts	Access OpenType subscript and superscript glyphs	Robertson	402
realtranspose	The “real” way to transpose a Matrix	Quentin	391
rec-thy	Commands to typeset recursion theory papers	Gerdes	221
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	319
recipebook	Typeset 5.5” x 8” recipes for browsing or printing	Granger	231
recipecard	Typeset recipes in note-card-sized boxes	Reish	398
rectopma	Recycle top matter	Benciolini	146
recycle	A font providing the “recyclable” logo	Green, Pakin	232
redefine	Conditional macro, etc., definitions	Unknown	498
redis	A Hebrew font	Goldberg	226
REdit	Menu-based editor	Rogalla	407
refcheck	Check references (in figures, table, equations, etc)	Motygin	347
refcount	Counter operations with label references	Oberdiek	367
refenums	Define named items and provide back-references with that name	Kopp	294
refer-tools	Convert between refer format and BibTeX format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzke	330
refer	Convert a BibTeX bibliography to refer format	McHale	335
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibTeX	Kiefel	278

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
reflectgraphics	Techniques for reflecting graphics	Reiche	397
refman	Format technical reference manuals	Kielhorn, Partl	278
refreshpdf	Refresh PDF files "remotely"	Gerhardt	221
refstyle	Advanced formatting of cross references	Els	201
regcount	Display the allocation status of the $\TeX$ registers	Drucbert	194
regexpatch	High level patching of commands	Gregorio	234
register	Typeset programmable elements in digital hardware (registers)	Lovell	320
regstats	Information about register use	Münch	349
reledmac	Typeset scholarly editions	Rouquette	412
reledpar	Typeset scholarly editions in parallel texts	Rouquette	412
relenc	A "relaxed" font encoding	Hellström	247
relsize	Set the font size relative to the current font size	Swift, Arseneau	459
removefr	Remove from counter-reset lists	Arseneau	133
remreset	Remove counters from reset list	Carlisle	168
renditions	Multiple versions from the same content	Story	455
reotex	Draw Reo Channels and Circuits	Oliveira	370
repeat	Repeat execution of macros	Eijkhout	199
repeatindex	Repeat items in an index after a page or column break	Harders	243
repere	Diagrams for school mathematics	Péault	380
repltext	Control how text gets copied from a PDF file	Pakin	376
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	481
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	482
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	367
res	A résumé class	Krishnamurthy, DeCorte	296
rescansync	Re-scan tokens with syntex information	user202729	501
resizgather	Automatically resize overly large equations	Oberdiek	367
resmes	Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X	De Donato	192
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	508
rest-api	Describing a rest api	Klein	284
resumecls	Typeset a resume both in English and Chinese	Hu	258
resumemac	Plain $\TeX$ macros for resumés	Hosek	257
returntogrid	Semi-automatic grid typesetting	Fischer	211
reverxii	Playing Reversi in $\TeX$	Le Floch	212
revnum	Reverse enumerate	Wilms	526
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	230
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	369
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	369
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	370
rftc2bib	Generate BibTeX entries for IETF RFCs	Mortier	346
rfl	Ruby font installer library	Gundlach	237
RGB	Tables of RGB colour parameters	Loreti	319
rgltxdoc	Common code for documentation of the author's packages	Grewe	235
ribbonproofs	Drawing ribbon proofs	Wickerson	525
richtext	Create rich text strings	Story	455
rjlparschap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	307
rlepsz	Rewrite labels in EPS graphics	Rourke	412
rmannot	Create rich media annotations in a PDF file	Story	455
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	416
rmligs	Remove incorrect ligatures in German documents	Jacke	262
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	335

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rmthm	Use a roman font for theorem statements	Verwer	506
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	502
Robot Man	A fun demo of AcroTeX eDucation Bundle facilities	Story	455
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	444
roboto	Support for the Roboto family of fonts	Tennent	474
robustcommand	Declare robust command, with \newcommand checks	Ebermann	197
robustindex	Create index with pagerefs	van der Kallen	271
rojud	A font with the images of the counties of Romania	Bazon	141
romanbar	Write roman number with "bars"	Münch	349
romanbarpagenumber	Typesetting roman page numbers	Schneider	426
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	397
romaniantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	400
romanneg	Roman page numbers negative	Wolczko	530
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	405
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	202
rotate-textures	Box rotation macros for Textures	Karney	272
rotate	Rotate T <sub>E</sub> X boxes	Unknown	498
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team	205
rotchiffre	Perform simple rotation cyphers	Oberdiek	367
rotfloat	Rotate floats	Sommerfeldt	445
rotpages	Typeset sets of pages upside-down and backwards	Callegari	166
rotunda	Rotunda manuscript book-hand font	Wilson	528
roundbox	Round boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	277
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	228
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	187
rplain	Redefines the plain pagestyle	Sommerfeldt	445
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	373
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	220
rsc	BibTeX style for use with RSC journals	Wright	532
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	443
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	436
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	398
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	417
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	324
rtkinenc	Input encoding with fallback procedures	Hellström	247
rtklage	Make suit details for German courts	Vosberg	512
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	313
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	356
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	356
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	356
rubiktwoCube	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	356
ruhphen	Russian hyphenation	Volovich	512
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	292
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	352
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	199
rulerbox	Draw rulers around a box	Yang	536
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	448
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	138
rune	Two rune fonts	Grant, Lüddecke	231
runic	Fonts for Anglo-Saxon futhorc script	Wilson	529

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
runtex	Windows program to run $\TeX$ variant and various utils as needed	Becker	143
russ	$\LaTeX$ in Russian, without babel	Shashkov	436
russian-help	$\LaTeX$ help in Russian	Lubenets	320
rustic	Roman Rustic manuscript book-hand font	Wilson	529
rutitlepage	Radboud University Titlepage Package	Lubbers	320
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	508
rvwrite	Increase the number of available output streams in $\LaTeX$	Radhakrishnan	392
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	438
rythesis	Class for Ryerson University Graduate School requirements	Lassaline	305
<b>SSSSS</b>			
s2latex	A scribe to $\LaTeX$ converter	Jacobson, James	264
sa-tikz	TikZ library to draw switching architectures	Fiandrino	208
sae	Typeset an SAE technical paper	Franke	215
saferef	Safer references through strong typing of references	Ashton	135
sageep	Format papers for the annual meeting of EEGS	Veytsman	508
SageTeX	Embed Sage code and plots into $\LaTeX$	Pasechnik, Drake	379
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	462
samples	Samples of Plain $\TeX$ coding	Unknown	498
sanhyph	Sanskrit hyphenation patterns	Codet	179
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	457
sankey	Draw Sankey diagrams with TikZ	Gaborit	219
sans	Exchange Roman and Sans faces in a document	Knappen	286
sanskrit-t1	Type 1 version of ‘skt’ fonts for Sanskrit	Korop	294
sanskrit	Sanskrit support	Haisman, Wikner	239
sansmath	Maths in a sans font	Arseneau	133
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	530
SASnRdisplay	Typeset SAS or R code or output	Madsen	327
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	418
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	418
sauterfonts	Use Sauter’s fonts in $\LaTeX$	Barthelmann	139
saveenv	Save environment content verbatim	user202729	501
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	299
savesym	Redefine symbols where names conflict	Göbel	225
savetrees	Optimise the use of each page of a $\LaTeX$ document	Pakin	376
sbtex	A compact $\TeX$ distribution for MS-DOS	Sullivan	457
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	498
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	498
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	417
scalebar	Create scalebars for maps, diagrams or photos	Lake	302
scalefnt	Rescale fonts to arbitrary sizes	Carlisle	168
scalereel	Constrained scaling and stretching of objects	Segletes	432
scanpages	Support importing and embellishing scanned documents	Sharpe	436
schedule	Weekly schedules	Alexander, Deneault	128
schedule209	Typeset schedules	Pfennig	383
schemabloc	Draw block diagrams, using TikZ	Papanicola	378
schemata	Print topical diagrams	Schaum	421
schemeTeX	Typesetting Scheme programs with $\LaTeX$	Ramsdell	395
schemeweb	Simple support for literate programming in Lisp	Ramsdell	395
schola-otf	Using the OpenType fonts $\TeX$ Gyre schola	Voß	516
ScholaX	Extension of $\TeX$ GyreSchola (New Century Schoolbook) with math support	Sharpe	436
schooldocs	Various layout styles for school documents	Missier	342

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	384
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	523
schulschriften	German “school scripts” from Suetterlin to the present day	Entenmann	202
schwalbe-chess	Typeset the German chess magazine “Die Schwalbe”	Hoening	253
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	323
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	294
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	329
scientificpaper	Format a scientific paper for journal publication	Aycock	135
scientificviewer	MacKichan software viewer	Pearson	380
SciKGT <sub>E</sub> X	Mark research contributions in scientific documents and embed them in PDF metadata	Bless	151
sciposter	Make posters of ISO A3 size and larger	Wilkinson	526
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	490
sclang-prettyfier	Prettyprinting SuperCollider source code	Cretel	183
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	383
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	324
scorecard	Format a Baseball scorecard	Wall	519
scraddr	Provide data from scr <sub>l</sub> tr2’s address files	Kohm	292
scrambledenvs	Create and print scrambled environments	Chen	174
scrartcl	Koma-Script ‘article’ class	Kohm	292
scratch	Draw programs like “scratch”	Tellechea	470
scratch3	Draw programs like “scratch”	Tellechea	470
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	394
scrbase	Provide basic features for KOMA-Script	Kohm	292
scrbook	Koma-Script ‘book’ class	Kohm	292
scrdate	Calendar date operations	Kohm	292
screen	Prepare a document for a simple previewer	Unknown	498
screenplay-pkg	Package version of the screenplay document class	Munn	350
screenplay	A class file to typeset screenplays	Pate	379
scxextend	Use of components of KOMA-Script by other packages	Kohm	292
scrindex	Make index package work with Koma-script classes	Oberdiek	367
script-font	Handwriting font	Vanroose	503
script	Variant report and book styles	Neukam, Lichti	355
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	203
ScriptT <sub>E</sub> X	Macros for scripts and screenplays	McCarthy	335
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	390
scrjrn1	Typeset diaries or journals	Pinson	386
scrjura	Koma-Script support for lawyers, etc	Kohm	292
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script’s scr <sub>l</sub> ayer	Kohm	292
scr <sub>l</sub> ayer-noteco...	Control note columns parallel to the main text	Kohm	292
scr <sub>l</sub> ayer-scrpage	Define and manage page styles	Kohm	292
scr <sub>l</sub> ayer	Manage text ‘layers’ within Koma-Script	Kohm	292
scrletter	Letter extension to KOMA-Script classes	Kohm	293
scr <sub>l</sub> file	Installation control for koma-script packages	Kohm	293
scr <sub>l</sub> tr2	Koma-Script ‘letter’ class	Kohm	293
scr <sub>l</sub> tr2copy	A letter class option file for the automatic creation of copies	Niepraschk	359
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	293
scrreprt	Koma-Script ‘report’ class	Kohm	293
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	293
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	293
scsnowman	Snowman variants using TikZ	Yamashita	535
scyrillic	A family of cyrillic fonts	Samarin, Glonti	417
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	147
sdr <sub>t</sub>	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	262



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sduthesis	Thesis Template of Shandong University	Huang	259
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	324
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	204
seceqn	Number theorems by section	Leichter	309
secnum	A macro to format section numbering intuitively	Gau	220
secret	Put security classification marks in a document	Duchier	195
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	389
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	526
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	255
sectsty	Control sectional headers	McDonnell	335
seealso	Improve the performance of \see macros with makeindex	Liu	314
sehyph	Hyphenation patterns for Swedish	Rynning	416
selectp	Select pages to be output	Arseneau	133
selectpage	Select pages to be output from a document	Knuth	289
selinput	Semi-automatic detection of input encoding	Oberdiek	367
selnolig	Selectively disable typographic ligatures	Loretan	319
SemanTeX	Semantic, keyval-based mathematics	Ørsted	372
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	171
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	354
semaphor	Semaphore alphabet font	Zýka	545
semesterplanner	Create beautiful semester timetables and more	Schneider	425
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	540
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	250
semproc	Seminar proceedings	Columbus	181
SemTeX	Deals with stripped SemanTeX documents	Ørsted	372
semtrans	Transliteration of semitic languages	Knappen	286
sentences	Numbered lists for sentences	Unknown	498
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	313
sepnun	Print numbers in a "friendly" format	Raichle	394
seqsplit	Split long sequences of characters in a neutral way	Veytsman	508
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	209
serbian-book	Support for use of memoir in Serbian	Filipović	209
serbian-date-lat	Updated date typesetting for Serbian	Filipović	209
serbian-def-cyr	Serbian cyrillic localization	Filipović	209
serbian-lig	Control ligatures in Serbian	Filipović	209
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	209
serial	Generate serial letters	Pedersen	381
sesmanuel	Class and package for sesamath books or paper	Charpentier	173
sesstime	Session and timing information in lecture notes	Beisert	146
setdeck	Typeset cards for Set	Whieldon	524
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	367
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	244
setstrut	Automatic strut computation	von Bechtolsheim	143
settobox	Assigning dimensions of a box to a length register	Oberdiek	367
settosize-ltx	Scale text to make it fit a given width	Rahtz	393
settosize	Scale text to given width	Taylor	469
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	267
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	539
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	206
sexam	Package for typesetting arabic exam scripts	Laouidji	304
sf298	Standard form 298	Cochran, Rochford	179

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>sfarticle</code>	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an <code>sf</code> switch	Partl, Simon	379
<code>sfms</code>	Typesetting science fiction/fantasy manuscripts	DeMarco	188
<code>sfg</code>	Draw signal flow graphs	Schmid	422
<code>sfheaders</code>	Sans headers	Loreti	319
<code>sfmath</code>	Sans-serif mathematics	Dietrich	190
<code>sfwmac</code>	A set of definitions for Unix system documentation	Unknown	498
<code>sgame</code>	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	373
<code>sgmlcmpt</code>	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	286
<code>shadbox</code>	Shade the background of any box	Glazkov	225
<code>shade</code>	Shade pieces of text	Schmitt	425
<code>shadebox</code>	Shade boxes using PostScript specials	Brewin, Šegan	159
<code>Shaded theorems</code>	Theorem environments that are shaded	Hefferon	245
<code>shading</code>	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	348
<code>shadow</code>	Shadow boxes	Orlandini	372
<code>shadowtext</code>	Produce text with a shadow behind it	Zwols	545
<code>shalom</code>	A simple Hebrew typesetting bundle	Böttcher	156
<code>shapepar</code>	A macro to typeset paragraphs in specific shapes	Arseneau	133
<code>shapepatch</code>	Transfig patch supporting shapepar	Gollwitzer	226
<code>shapes</code>	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	228
<code>shavian</code>	A Shavian spelling alphabet font	Stanier	449
<code>shdoc</code>	Float environment to document the shell commands of a terminal session	Laube	305
<code>shellesc</code>	Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	481
<code>shhyphl</code>	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	348
<code>shipunov</code>	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	438
<code>shlatex</code>	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	252
<code>shobhika</code>	An OpenType Devanāgarī font designed for scholars	Kolachana	293
<code>short-math-guide</code>	Guide to using amsmath and related packages to typeset mathematical notation with L <sup>A</sup> T <sub>E</sub> X	The AMS	477
<code>shortcuttool</code>	Enables shortcut file import to the input tool Shortcut	Mehl	337
<code>shortlst</code>	Compact lists by running several items per line	Hansen	240
<code>shortmathj</code>	Automatically shorten titles of mathematical journals	Avdeev	135
<code>shorttoc</code>	Table of contents with different depths	Drucbert	194
<code>shortvrb</code>	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	481
<code>show2e</code>	Variants of <code>\show</code> for L <sup>A</sup> T <sub>E</sub> X 2e	Pégourié-Gonnard	381
<code>showcharinbox</code>	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	277
<code>showdim</code>	Variants on printing dimensions	Downes	193
<code>showexpl</code>	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	359
<code>showframe</code>	Draw a page-layout diagram	Niepraschk	359
<code>showhyphenation</code>	Marking of hyphenation points	Kelkel	274
<code>showhyphens</code>	Show all possible hyphenations in LuaLaTeX	Gundlach	237
<code>showkerning</code>	Showing kerns in a document	Kelkel	274
<code>showkeys</code>	Show label, ref, cite and bib keys	Carlisle	168
<code>showlabels</code>	Show label commands in the margin	Gray	232
<code>showtags</code>	Print the tags of bibliography entries	Beebe	144
<code>shsulet</code>	A letter document style for use at SHSU	Greenwade	233
<code>ShtThesis</code>	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	312
<code>shuffle</code>	A symbol for the shuffle product	Lejay, Gilbey	309
<code>si</code>	A comprehensive (SI) units package	Wright	532
<code>siam</code>	Styles for SIAM publications	Gray, Cipolone	232
<code>side</code>	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	287
<code>sidecap</code>	Typeset captions sideways	Niepraschk, Gäblein	359
<code>sidenotes</code>	Typeset notes containing rich content, in the margin	Thomas	483

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	518
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	348
siggraph	SIGGRAPH conference class	Kartch	273
signchart	Create beautifully typeset sign charts	Mottaz	347
Sikumuna	Lyx template for Hebrew article format	Rutenberg	416
silence	Selective filtering of error messages and warnings	Pock, Isambert	387
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	431
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	431
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	306
simplecd	Simple CD, DVD covers for printing	Majoros	329
simplecv	A simple class for writing curricula vitae	Lasgouttes	305
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	154
simpleinvoice	Easy typesetting of invoices	Lohne	314
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	470
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	505
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	171
simpler-wick	Simpler Wick contractions	Ellis	200
simples-matrices	Define matrices by given list of values	Henel	249
simplewick	Simple Wick contractions	Kolorenc	294
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	233
simplivre	Write your books in a simple and clear way	XU	535
simpsons	Metafont source for Simpsons characters	Chen	174
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	277
sines	Calculate sin function values	Walker	519
sinhala	Support for the Sinhala language	Saparamadu	417
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	441
SIstyle	Package to typeset SI units, numbers and angles	Els, Wright	201
sitem	Save the optional argument of \item	Majkrzak	329
siunits	International System of Units	Wright, Heldoorn	533
siunitx	A comprehensive (SI) units package	Wright	532
skak	Fonts and macros for typesetting chess games	Hoffmann	254
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	191
skb	Tools for a repository of long-living documents	van der Meer	337
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	440
skeldoc	Placeholders for unfinished documents	Hetland	251
sketch	A 3d sketch language translator	Ressler	399
skeycommand	Create commands using parameters and keyval in parallel	Musa	352
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	352
skills	Create proficiency tests	Giraud	224
skmath	Extensions to the maths command repertoire	Sigurdhsson	440
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	440
skull	A font to draw a skull	Grove	235
slantsc	Access different-shaped small-caps fonts	Harders	243
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	536
slashed	Put a slash through characters	Carlisle	168
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	441
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	334
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	218
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	459
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	518
slidenotes	Typeset slides accompanied by notes	van der Meer	337

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	343
slideshow	Generate slideshow with MetaPost	McPhee	336
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	438
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	469
smaller	Choose an "adjacent" size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	182
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	332
smalltalk	Typeset Smalltalk program fragments	Wolczko	530
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	534
smartdiagram	Generate diagrams from lists	Fiandrino	208
smartmn	Make hyphens print as minus signs where appropriate	Knappen	286
smartref	Extend L <sup>A</sup> T <sub>E</sub> X's \ref capability	Bilotta	150
smartunits	Converting between common metric and Imperial units	Mathas	332
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	429
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	477
snaptodo	A todo that snaps to the closer side	Wang	520
snote	Shaped notes for MusicTeX	Colburn	179
snotez	Typeset notes, in the margin	Niederberger	358
sober	Makes appearance of standard styles more "sober"	Poppelier	388
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	155
softfonts	Manage the "soft fonts" in a LaserWriter printer	Small Planet Software	442
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	282
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	282
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	282
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	282
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	282
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	283
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	283
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	283
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	283
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	283
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	283
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	283
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	283
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	283
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	283
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	283
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	283
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	283
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	283
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	283
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	283
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	283
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	284
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	284
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	284
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	284
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	284
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	284
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	284
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	284
softmakerfreefont	Support files for SoftMaker free fonts	Kleber	284
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	266

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
songbook	Package for typesetting song lyrics and chord books	Rath	395
songproj	Generate Beamer slideshows with song lyrics	Ortolo	372
songs	Produce song books for church or fellowship	Hamlen	240
sorhyph	Upper Sorbian hyphenation patterns	Werner	524
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	373
soton	University of Southampton-compliant slides	Blanco	151
soul	Hyphenation for letterspacing, underlining, and more	Franz	215
soulpos	A fancy means of underlining	Bezos López	316
soulutf8	Permit use of UTF-8 characters in soul	Oberdiek	367
soup	Generate alphabet soup puzzles	Simers	440
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	481
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	254
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	254
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	254
SouthArabian	A font for an archaic South Arabia script	Stanier	449
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	181
spacekern	Kerning between words and against space	Kelkel	274
spacingtricks	Dealing with some spacing issues	Missier	342
spain	Bibliography style for Spanish documents	Fernandez	207
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	391
spanish-mx	Typeset Spanish as in Mexico	Rivera	401
spark-otf	Support OpenType Spark fonts	Voß	516
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	314
spath3	Manipulate “soft paths” in PGF	Stacey	448
spbookmark	Customize superscripts and subscripts	Yi	539
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	173
spelling	Support for spell-checking of LuaTeX documents	Hennig	250
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	389
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	220
sphyphb	Experimental Spanish hyphenation patterns	Medina	337
spiderweb	A tool for building WEB systems	Ramsey	395
spie	Support for formatting SPIE Proceedings manuscripts	Hanson	241
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	380
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	323
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	437
split	Box two chunks of text side-by side	Skinner	442
splitbib	Split and reorder your bibliography	Markey	330
splitindex	Unlimited number of indexes	Kohm	293
spot	Spotlight highlighting for Beamer	Hendrickson	248
spotcolor	Spot colours for pdfLaTeX	Elstner	201
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	470
springer	Macros for Springer journals	Springer Verlag	448
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	182
sperbatim	Allow line breaks within \verb and verbatim output	Pakin	376
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	199
srcaps	Square Capitals manuscript book-hand font	Wilson	529
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	209
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	209
sr-vorl	Class for Springer books	Dabelow	184
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	450
srcmtx	Jump between DVI and T <sub>E</sub> X files	Ulrich	491
srcredact	A tool for redacting sources	Veytsman	508



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	522
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	266
srune	Saxon rune font	Lüddecke	322
sseq	Typesetting spectral sequence charts	Bauer	140
sshdbk10	Sans headers in book style	Unknown	498
sslides	Slides with headers and footers	Salimi	417
ssquote	Use the cmssq fonts	Vieth, Goossens	509
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	360
stabular	Multipage tabular	Tolušis	486
stack	Tools to define and use stacks	Bayart	141
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	432
stackrel	Enhancement to the \stackrel command	Oberdiek	368
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	483
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	368
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	420
stanli	TikZ Library for Structural Analysis	Hackl	238
starfont	The StarFont Sans astrological font	Skala	442
startex	An XML-inspired format for student use	Langmyhr	304
statex	Statistics style	Sparapani	446
statex2	Statistics style	Sparapani	446
statistics	Compute and typeset statistics tables and graphics	Rivaud	401
statistik	Store statistics of a document	Niedermair	358
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	130
statrep	Displays SAS code and results of running the code	Arnold	131
staves	Typeset Icelandic staves and runic letters	Syropoulos	460
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	405
stdpage	Standard pages with n lines of at most m characters each	Verweyen	506
stealcaps	“Steal” small capitals	Giannotti	222
steinmetz	Print Steinmetz notation	Gregorio	234
stellenbosch	Stellenbosch thesis bundle	Els	201
step	A free Times-like font	Miller	341
stepgreek	A free Times/Elsevier-style Greek font	Miller	341
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	291
stfloats	Commands to control the presentation of floats	Tolušis	486
SticksToo	A reworking of STIX2	Sharpe	436
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	483
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	483
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	483
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	266
stoneipa	Support for the Stone Sans Phonetic font	Velleman	504
storebox	Storing information for reuse	Scharrer	420
storecmd	Store the name of a defined command in a container	Musa	352
strands	Draw objects constructed from strands	Arcis	131
streetex	Structural organic chemistry	Strokov	456
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	372
stringenc	Converting a string between different encodings	Oberdiek	368
stringstrings	String manipulation for cosmetic and programming application	Segletes	432
structmech	A TikZ command set for structural mechanics drawings	Chang	172
struktex	Draw Nassi-Shneiderman charts	Hoffmann	254
sttools	Various macros	Tolušis, Statulevičius	486
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	457

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Student Handouts	Management and styling of student handout projects	Fennell	207
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	409
sty2dtx	Create a .dtx file from a .sty file	Scharrer	420
style-showcase	Make a web page to compare styles	Hefferon	245
styledcmd	Handling multiple versions of user-defined macros	De Donato	192
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	407
subcaption	Support for sub-captions	Sommerfeldt	445
subdepth	Unify maths subscript height	Robertson	402
subdocs	Multifile documents	Bezós López	316
subeqn	Package for subequation numbering	Arseneau, Braams	134
subeqnarray	Equation array with sub numbering	Braams	156
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	179
subfigmat	Automates layout when using the subfigure package	Kleb	281
subfigure	Deprecated: Figures divided into subfigures	Cochran	179
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	417
subfloat	Sub-numbering for figures and tables	Harders	243
sublabel	Sub-number counters	Daly	185
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	204
substances	A database of chemicals	Niederberger	358
substitutefont	Easy font substitution	Milde	340
substr	Deal with substrings in strings	Harders	243
subsupscripts	A range of sub- and superscript commands	Bresciani	158
subtext	Easy text-style subscripts in math mode	Jørgensen	269
sudoku	Create sudoku grids	Abraham	126
sudokubundle	A set of sudoku-related packages	Wilson	529
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	323
suffix	Define commands with suffixes	Kastrup	274
suftesi	A document class for typesetting theses, books and articles	Valbusa	502
sugconf	SAS(R) user group conference proceedings document class	Fehd	207
superiors	Attach superior figures to a font family	Sharpe	436
supertabular	A multi-page tables package	Braams	156
suppose	Abbreviate the word “Suppose”	Lounsbury	320
susy	Macros for SuperSymmetry-related work	Turlay	490
suthesis	Typeset a Stanford University thesis	Pallas	376
sverb	A set of verbatim text manipulations	Wooding	531
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	202
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	240
svgcolor	Define SVG named colours	Caprio	167
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	420
svn-prov	Subversion variants of \Provides... macros	Scharrer	421
svn	Typeset Subversion keywords	Lewis	311
svninfo	Typeset Subversion keywords	Brucker	160
svrsymbols	A font with symbols for use in physics texts	Syropoulos	461
swebib	Swedish bibliography styles	Engelbrechtsen	201
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	201
swfigure	Insert large images that do not fit into a single page	Beccari	143
swiftext	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	459
Swimgraf	Graphical/textual representations of swimming performances	Osborne	373
switcheml	Obfuscate email addresses (now obsolete)	Duan	195
swrule	Lines thicker in the middle than at the ends	Dussa	197
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	231
sylllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	504
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	213
symbolindex	Generate a list of symbols with different subgroups	Holzmann	256

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sympytex	Include symbolic computation (using sympy) in documents	Molteno	345
Synapsen	Reference management tool for BibTeX	Krajewski	295
synctex-parser	SyncTeX output file parser	Laurens	305
syngen	A tool for generating syntax diagrams from BNF	Klöcker	285
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	262
syntax-mdw	Typeset syntax descriptions	Wooding	531
syntax2	Creation of syntax diagrams	Worsch	532
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	384
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	343
syntrace	Labels for tracing in a syntax tree	Mathieu	332
synttree	Typeset syntactic trees	van Zuijlen	545
syriac	A font for Syriac written in Estrangelo	Stanier	449
systcontrolletters	Support for Systems and Control Letters	Balemi, Truöl	137
systeme	Format systems of equations	Tellechea	470
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	326
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	300
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	481
t1infos	Utilities for PostScript fonts	Baruchel	140
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	270
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	530
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	251
t2	Support for using T2 encoding	Volovich, Lemberg	512
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	340
tabbing	Tabbing with accented letters	Drucbert	194
tabbingbox	Save a tabbing environment in a box	Unknown	498
tabfigures	Maintain vertical alignment of figures	Ummels	491
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	303
tableauVariations	Variation tables in MetaPost	Mazoit	334
tableaux	Construct tables of signs and variations	Kisselhoff	281
tablefootnote	Permit footnotes in tables	Münch	349
tableof	Tagging tables of contents	Burnol	164
tables	Tables without the need for a preamble	Cowan, Taylor	183
tablestyles	Styles for tables with new commands	Pospiech	388
tablists	Tabulated lists of short items	Lapko	305
tablor	Create tables of signs and of variations	Connan	181
tabls	Better vertical spacing in tables and arrays	Arseneau	133
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	342
tabriz-thesis	A template for the University of Tabriz	Damanafshan	185
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	398
tabstackengine	“Tabbing” front-end to stackengine	Segletes	432
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	210
tabularcalc	Calculate formulas in a tabular environment	Tellechea	470
tabularew	A variation on the tabular environment	Saba	416
tabularht	Tabular environments with height specified	Oberdiek	368
tabularkv	Tabular environments with key-value interface	Oberdiek	368
tabularray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	326
tabulars-e	Examples from the book “Typesetting tables with L <sup>A</sup> T <sub>E</sub> X”	Voß	516
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

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tabvar	Typesetting tables showing variations of functions	Flipo	212
tabverb	Verbatim text respecting TAB characters	Fine	210
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	315
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	360
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	211
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	525
talos	A Greek cult font from the eighties	Tsolomitis	489
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	322
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	331
tamil-omega	Tamil support for Omega/Aleph	Alex	128
tangle	Generate compilable source from web	Knuth	289
tango-weevil	A simple Web system	Minyard	342
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	263
tape	Generate cassette labels from a simple database	Podar	387
tapir	A simple geometrical font	Mitek	342
tasks	Horizontally columned lists	Niederberger	358
taylor	Macros for category-theoretic diagrams	Taylor	469
tbe	Extracts from "TeX by Example"	Borde	154
tcompat	Provide compatibility names for textcomp.sty	Knappen	286
tcldoc	Doc/docstrip for tcl	Hellström	247
tcitexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	456
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	334
tcolorbox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	457
tcvn	Vietnamese Windows support	Quy	391
tdclock	A ticking digital clock package for PDF output	Randez	395
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	490
tdsfrmath	Macros for French teachers of mathematics	Henel	249
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	261
Technica	Typesetting for the humanities	Boggio-Togna	152
technics	A package to format technical documents	Nilsson	360
technion-thesis...	Template for theses on the Technion graduate school	Shuval	438
techreport	Generate Technical Reports using USC thesis style	Cochran	179
ted	A (primitive) token list editor	Pégourié-Gonnard	381
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	368
telugu	(La)TeX Support for writing the Telugu Language	Mukkavilli	348
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	207
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	445
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	388
tempora	Greek and Cyrillic to accompany Times	Sharpe	436
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	189
tengwar	Font to set Tolkien's Tengwar script	Urban	501
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	219
tensind	Typeset tensors	Bezos López	316
tensor	Typeset tensors	Piff, Ratcliffe	385
termcal-de	German localization for termcal	Friedl	217
termcal	Print a class calendar	Mitchell	342
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	516
termlist	Label any kind of term with a continuous counter	Rellermeyer	398
termmenu	The package provides support for terminal-based menus using expl3	Allred	129
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	221
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	138
testeq	An equality test for use in MetaPost	Vieth	509
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	437

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
testfont	A testbed for font evaluation	Knuth	289
testhyphens	Testing hyphenation patterns	Beccari	143
testidx	Dummy text for testing index styles and indexing applications	Talbot	466
testmath	Examples of the AMS- $\text{\LaTeX}$ package	The AMS	477
tetex	Obsolete $\text{\TeX}$ distribution for Unix/Linux	Esser	203
tetragonos	Four-Corner codes of Chinese characters	Yang	536
teubner	Philological typesetting of classical Greek	Beccari	143
tex--xet	Bidirectional extension of $\text{\TeX}$	Breitenlohner, Knuth, MacKay	158
TeX Converter	Windows front-end to various $\text{\LaTeX}$ to HTML converters	Mayer	334
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	247
tex-extensions	Proposals for extensions to $\text{\TeX}$	Clasen	178
tex-font-errors...	Cheat sheet outlining the most common $\text{\TeX}$ font errors	Schlömer	422
TeX-FPC	A collection of change files for a $\text{\TeX}$ system based on Free Pascal	Helbig	247
TeX-GPC	A collection of change files for a $\text{\TeX}$ system based on GNU Pascal	Helbig	247
tex-gyre-advantor	A font family that extends URW Gothic L	Jackowski, Nowacki	263
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	263
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	263
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	263
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	263
tex-gyre-math-b...	Maths fonts to match $\text{\TeX}$ Gyre Bonum	Jackowski, Strzelczyk, Pi- anowski	264
tex-gyre-math-d...	Maths fonts to match $\text{\TeX}$ Gyre DejaVu	Jackowski, Pianowski, Strzelczyk	263
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	263
tex-gyre-math-s...	Maths fonts to match $\text{\TeX}$ Gyre Schola	Jackowski, Pianowski, Strzelczyk	263
tex-gyre-math-t...	Maths fonts to match $\text{\TeX}$ Gyre Termes	Jackowski, Pianowski, Strzelczyk	264
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	263
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	263
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	263
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	263
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	263
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	145
tex-ini-files	Model $\text{\TeX}$ format creation files	Wright	532
tex-it	Controller for $\text{\TeX}$ processing	Walsh	520
tex-kurs	A $\text{\LaTeX}$ (2.09) course in German	Rupprecht	416
tex-label	Place a classification on each page of a document	Komarath	294
tex-locale	Localisation support for $\text{\TeX}$ and $\text{\LaTeX}$ documents	Talbot	466
TeX-mag	An on-line $\text{\TeX}$ magazine	Hosek	257
tex-math	Maths mode documentation for OS/2 users	Hahn	238
TeX-nutshell	A short document about $\text{\TeX}$ principles	Olšák	371
tex-overview	An overview of the development of $\text{\TeX}$	Trautmann	487
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	153
tex-references	References for $\text{\TeX}$ and Friends	Wiedmann	525
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przech- lewski	521
tex-vpat	TeX Accessibility Conformance Report	Veytsman	508
TeX	A sophisticated typesetting engine	Knuth	289
tex2bib	Extract a BibTeX database from a document source	Friendly	217
tex2ltx	AMS-TeX to AMS- $\text{\LaTeX}$ converter	Fortuny	214



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	540
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	441
tex2rtf	TeX translator, output formats include RTF	Smart	442
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	210
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	177
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	255
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	476
texaccents	Convert composite accented characters to Unicode	Milanese	340
texapi	Macros to write format-independent packages	Isambert, Robbers	262
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	289
texbuch	"The little T <sub>E</sub> XBook"	Cremer	183
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	199
texcad32	Win32 drawing package for mathematical diagrams	Unknown	498
texchord	Typeset guitar-chord diagrams	Hoffman	254
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	406
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	228
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	421
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	217
texdeps	Find the dependencies of a (La)TeX file	Cozens	183
texdiff	Compare documents and produce tagged merge	Doll, Günay	191
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	164
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	236
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	415
texdraw	Graphical macros, using embedded PostScript	Kabal	271
texed	A T <sub>E</sub> X shell for OS/2	Stippich	452
texemplar	A class for the journal of CervanTeX	Bezós López	316
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	203
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	498
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	217
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	389
texi2roff	Translate texinfo to troff	Erlebacher	202
texi2www	Converts texinfo to display on the Web	Singletary	441
texilikechaps	Format chapters with a texi-like format	Rivera	401
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	440
texindex	Simple indexing using standard Unix commands	Unknown	498
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	216
texinfo	Texinfo documentation system	Free Software Foundation	216
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	214
TeXline	A T <sub>E</sub> X-based magazine	Clark	178
texlipse	L <sup>A</sup> T <sub>E</sub> X plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	314
texlist	Typeset program listings	Forkosh	214
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	474
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	474
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	474
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	474
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	432
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	359
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	477

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
TeX Live source...	Sources of the TeX Live distribution	TeXLive	477
texlive	A comprehensive distribution of TeX and friends	TeXLive	477
texliveonfly	On-the-fly download of missing TeX live packages	Naranong	353
texlog-extract	Extract errors and warnings from TeX logs	Dekker	188
texloganalyser	Analyse TeX logs	van Oudenhove	373
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	302
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	416
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	302
TeXmacs	Structured text editor for TeX	van der Hoeven	253
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	271
TeXmate	Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X	Garcia-De Castro	171
texments	Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X	Kubica	298
TeXmuse	Music typesetting system using TeX and Metafont	Garcia-De Castro	171
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Movahhedian	347
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	525
texonly	A sample document in Plain TeX	Borck-Elsner	154
texosquery	Cross-platform Java application to query OS information	Talbot	466
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	324
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	214
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	400
texpictex	Use tpic special commands in PiCTeX	Grunwald	236
texplate	A tool for creating document structures based on templates	Cereda	172
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	308
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	543
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	217
texshade	Package for setting nucleotide and peptide alignments	Beitz	146
TeXshell	X-Window Shell for TeX	Mittelbach	344
texshell32	A free TeXShell for MS-Windows 95 and NT	Struve	456
texshop	TeX front end for use on MacOS X	Koch	290
TeXsis	Plain TeX macros for Physicists	Myers, Paige	352
texsketch	A drawing package for OS/2	Bahnes	136
texsort	Sort/compress numerical lists	Tolušis	486
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	198
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	130
TeX T1	TeX format from Washington State University	Guenther	236
text2bib	A PHP script to convert references to BibTeX	Osborne	373
textarea	Control the text area dynamically	Rozhenko	415
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	393
textcsc	Simple commands for caps-to-small-caps text	Granet	231
textfit	Fit text to a desired size	Rahtz, Taylor	393
textglos	Typeset and index linguistic gloss abbreviations	Weber	522
textgreek	Upright greek letters in text	Michlmayr	339
textmerg	Merge text in TeX and L <sup>A</sup> T <sub>E</sub> X	Piff, Fairbairns, Carlisle	385
textool	A SunOS DVI viewer	Ilieve	261
texttoolspro	Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X	Algaba	129
textopo	Annotated membrane protein topology plots	Beitz	146
textpath	Setting text along a path with MetaPost	Hennig	250
textpos	Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page	Gray	232
textualcomma	Use the textual comma character as decimal separator in math mode	Friedl	217
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	271
texvc	Use MediaWiki L <sup>A</sup> T <sub>E</sub> X commands	Schubotz	429
texware	Utility programs for use with TeX	Knuth	289

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tfm <sub>pk</sub>	A viewer for tfm and pk font files	Medini	337
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	305
tfrup <sub>ee</sub>	A font offering the new (Indian) Rupee symbol	Jørgensen	270
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	529
tgrind	Produce beautiful program listings using plain T <sub>E</sub> X	Jacobson	264
tgrind209	Support tgrind in L <sup>A</sup> T <sub>E</sub> X 2.09	Unknown	498
thai-rmit	A font for Thai script	Kent	275
thai-usl	A font for Thai script	Kent	275
thaienum	Thai labels in enumerate environments	Janthong	265
thai <sub>font</sub> s-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	273
ThaiLaT <sub>E</sub> X	Typeset Thai texts with standard L <sup>A</sup> T <sub>E</sub> X classes	Karoonboonyanan	273
thaispec	Thai Language Typesetting in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Promkam	389
thalie	Typeset drama plays	Paternault	380
theanodidot	TheanoDidot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
theanomodern	Theano Modern fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
theanooldstyle	Theano OldStyle fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
theapa	APA (American Psychology Association) Reference Citation for L <sup>A</sup> T <sub>E</sub> X	Ryu	416
theatre	A sophisticated package for typesetting stage plays	Hinque	252
theorem	Manipulate theorem environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	344
theoremref	References with automatic theorem names	Jeřábek	267
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	368
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	240
these	Bibliography style for French theses	Herrb	250
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	487
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	300
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	396
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	303
thesis	Typeset thesis	Matiaske	332
thinsp	A stretchable \thinspace for L <sup>A</sup> T <sub>E</sub> X	Jørgensen	270
thirteen	Print dates of Friday 13th days	Unknown	499
thmbox	Decorate theorem statements	Beffara	145
thmtools	Extensions to theorem environments	Schwarz, Chou	430
thorshammer	Assessment based on AcroT <sub>E</sub> X quizzes	Story	455
threadcol	Organize document columns into PDF “article thread”	Pakin	376
threecol	Three-column newsletter output	Unknown	499
threecolumn	L <sup>A</sup> T <sub>E</sub> X output in three columns	Greenwade	233
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	323
3DLDF	Three-dimensional drawing with MetaPost output	Finston	210
threeparttable	Tables with captions and notes all the same width	Arseneau	133
threeparttablex	Notes in longtables	Madsen	327
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	284
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	508
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	160
thubeamer	A beamer theme for Tsinghua University	Yang	536
thucoursework	Coursework template for Tsinghua University	Zhao	543
thumb	Thumb marks in documents	Holm Christensen	177
thumpdf	Thumbnails for pdfT <sub>E</sub> X and dvips/ps2pdf	Oberdiek	368
thumbs	Create thumb indexes	Münch	349
thumby	Create thumb indexes for printed books	Goldgaber	226
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	535
tib	A bibliographic preprocessor	TUNA Association	
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Alexander, Kremer, Kolb	128
		Schwartz, Knight, Wujastyk	430

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Emmel	201
ticollege	Graphical representation of keys on a standard scientific calculator	De Sousa	445
tie	Allow multiple web change files	Guntermann	237
tif2eps	A PostScript program for converting TIFF files to EPS	Jackowski, Pianowski, Strzelczyk	264
tiff	The tiff graphics package	Leffler	308
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Hein	246
tikz-among-us	Create some AmongUs characters in TikZ environments	Zucатели	545
TikZ-Bagua	Draw Bagua symbols in Yijing	WANG	521
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	Luttinen	326
tikz-bbox	Precise determination of bounding boxes in TikZ	Unknown	499
tikz-cd	Create commutative diagrams with TikZ	Stoffel	452
tikz-dependency	A library for drawing dependency graphs	Pighin	385
tikz-dimline	Technical dimension lines using PGF/TikZ	Gross	235
tikz-ext	A collection of libraries for PGF/TikZ	Unknown	499
TikZ-FeynHand	Feynman diagrams with TikZ	Dohse	191
tikz-feynman	Feynman diagrams with TikZ	Ellis	200
tikz-imagelabels	Put labels on images using TikZ	Plüss	387
tikz-inet	Draw interaction nets with TikZ	de Falco	206
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	Niepraschk	359
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Laus	305
tikz-ladder	Draw ladder diagrams using TikZ	Laus	305
tikz-lake-fig	Schematic diagrams of lakes	Stachelek	449
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	347
tikz-mirror-lens	Spherical mirrors and lenses in TikZ	Zucатели	545
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	229
tikz-network	Draw networks with TikZ	Hackl	238
tikz-opm	Typeset OPM diagrams	Hoffmann	254
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	218
tikz-page	Small macro to help building nice and complex layout materials	Gross	235
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	422
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	417
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	176
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	306
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	306
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	400
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	421
tikz-tracksschem...	A TikZ library for creating track diagrams in railways	Scheidt	421
tikz-truchet	Draw Truchet tiles	Scroggs	431
TikZbricks	Drawing bricks with TikZ	Unknown	499
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	416
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	499
tikzfill	TikZ libraries for filling with images and patterns	Sturm	457
tikzinclude	Import TikZ images from collections	Schwenk, Berg	431
TikZlings	A collection of cute little animals and similar creatures	Unknown	499
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	448
TikZmarmots	Drawing little marmots in TikZ	Unknown	499
tikzorbtal	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	417
tikzpackets	Display network packets	Paciorek	374
tikzpagenodes	A single TikZ node for the whole page	Scharrer	421
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	211
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	218
Tikzpingus	Penguins with TikZ	Sihler	440

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	400
tikzscale	Resize pictures while respecting text size	Häcker	238
tikzsymbols	Some symbols created using TikZ	Vitecek	511
tikzsvg	A utility for rendering TikZ diagrams to SVG	Unknown	499
tile-graphic	Create tiles of a graphical file	Story	456
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	216
time-gen	Print the time (12-hour clock)	Sen	433
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	385
timeline	Typeset time-lines, for planning, etc	Unknown	499
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	393
timetab	Typeset timetables	Oetiker	369
timetable	Generate timetables	Verunek	505
timing-diagrams	Draw timing diagrams	Moy	347
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	334
tinof	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	474
tiny2l	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	386
tip	Macro examples from “TeX in Practice”	von Bechtolsheim	143
tipa-de	German translation of tipa documentation	Leistner	309
tipa	Fonts and macros for IPA phonetics characters	Rei	397
tipauni	Producing Unicode characters with TIPA commands	Unknown	499
tipfr	Produces calculator’s keys with the help of TikZ	De Sousa	445
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezos López	316
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	261
titlecaps	Setting rich-text input into Titling Caps	Segletes	432
titlefoot	Add special material to footer of title page	Presnell	389
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	431
titlepages	Sample titlepages, and how to code them	Wilson	529
titlepic	Add picture to title page of a document	ten Cate	171
titleps	Page style control	Bezos López	316
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	459
titlesec	Select alternative section titles	Bezos López	316
titletoc	Alternative headings for toc/lof/lot	Bezos López	316
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	405
tkbibtex	A portable editor and browser for BibTeX files	Corke	182
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	313
tkhyph	Hyphenation patterns for Turkish	MacKay	326
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	456
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	333
tkz-berge	Macros for drawing graphs of graph theory	Matthes	333
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	333
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	333
tkz-fct	Tools for drawing graphs of functions	Matthes	333
tkz-graph	Draw graph-theory graphs	Matthes	333
tkz-kiviat	Draw Kiviat graphs	Matthes	333
tkz-linknodes	Link nodes in mathematical environments	Matthes	333
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	518
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	333
tkzexample	Package for the documentation of all tkz-* packages	Matthes	333
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	297
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	258
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	343
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	343
TL Cockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	389



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	412
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	458
tlmgrBasics	A simplified documentation for tlmgr	Tennent	474
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	339
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	424
tmview	A DVI previewer for SVGA displays	Moor	345
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	544
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	499
tocbasic	Management of tables/lists of contents (and the like)	Kohm	293
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	405
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	196
tocenter	Centring (and other) Page Layout	Rozhenko	415
tocloft	Control table of contents, figures, etc	Robertson, Wilson	405
toctype	Define style of Table of contents (etc) files	Kohm	293
toctvsec2	Section numbering and table of contents control	Robertson, Wilson	405
todo	Make a to-do list for a document	Garcia-De Castro	171
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	339
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	264
tokcycle	Build tools to process tokens from an input stream	Segletes	432
tokenizer	A tokenizer	Herpers	250
tolkienfonts	Use TTF "Tolkien" fonts from the WWW with pdfTeX	Barton	139
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	174
toolbox	Tool macros	Väth	503
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	204
topfloat	Move floats to the top of the page	Macchia	326
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	157
TOPletter	Letter class for the Politecnico di Torino	Torchiano	487
topsection	An un-numbered top level section	Rozhenko	415
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	143
totalcount	Commands for typesetting total values of counters	Sommerfeldt	445
totcount	Find the last value of a counter	Koutavas	295
totpages	Count pages in a document, and report last page number	Müller	348
tpcmfont	Computer modern fonts in "true point sizes"	Knuutila	290
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	249
tpsliifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	308
TpX	A drawing tool for Windows	Tsyplakov	489
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	449
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	202
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	344
tracking	Adjust tracking of strings	Glazkov	225
tracklang	Language and dialect tracker	Talbot	466
trademarks	A collection of trademarks and the like	Unknown	499
trajan	Fonts from the Trajan column in Rome	Wilson	529
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	277
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	153
transfig	Transform xfig pictures into many other formats	Smith	442
translation-arr...	French translation of the documentation of array	Drucbert	194
translation-ars...	German version of arsclassica	Römer, Gessinger	409
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	409
translation-boo...	French translation of the documentation of booktabs	Drucbert	194
translation-che...	German version of chemsym	Römer, Heuke	409
translation-dco...	French translation of the documentation of dcolumn	Drucbert	194

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	409
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	323
translation-eur...	German version of europecv	Römer, Fischer	409
translation-fil...	German version of filecontents	Römer, Berndt	409
translation-foo...	A German translation of the documentation of footmisc	Römer	409
translation-mor...	German version of moreverb	Römer, Biniok	409
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	194
translation-pst...	A German translation of the documentation of pst-jtree	Römer	409
translation-tab...	French translation of the documentation of Tabbing	Drucbert	194
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages	Niederberger	358
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	532
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	523
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	368
tree-dvips	Trees and other linguists' macros	Pease	380
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	202
treesvr	Tree macros	Vanroose	503
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	151
treetex-plain	Draw trees	Brueggemann-Klein, Wood	160
trfsigns	Typeset transform signs	Rascher	395
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	469
trimspaces	Trim spaces around an argument or within a macro	Robertson	403
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	533
trsym	Symbols for transformations	Holfert	256
truchet	Truchet tiling in MetaPost	Roegel	407
truecols	Colour facilities for SliTeX	Love	320
truetypermetrics	Metrics for some TrueType font families	Penninga	382
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	213
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	475
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	360
tsemelines	Support for the ancient \emline macro	Schlemmer	422
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	239
tsvtemplate	Apply a template to a tsv file	Renkema	399
tt2001	Type 1 EC fonts generated by T <sub>E</sub> Xtrace	Szabó	462
ttf-howto	Using TrueType fonts with T <sub>E</sub> X systems	Harders	243
ttf2mf	Convert True Type fonts to Metafont	Motygin	347
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	310
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siegert, Henlich	522
ttf2tex	Use TrueType fonts with teTeX	Lehman	308
ttftogf	Convert True Type fonts to GF format	Vasil'ev	503
tth	A T <sub>E</sub> X to HTML translator	Hutchinson	260
ttn	TeX and TUG news archive	Thiele	483
ttt	A Tibetan Transcript Transliterator for L <sup>A</sup> T <sub>E</sub> X	Steiner	451
tucv	Support for typesetting a CV or résumé	Louthan	320
tuda-ci	L <sup>A</sup> T <sub>E</sub> X templates of Technische Universität Darmstadt	Peischl	382
tudscr	Corporate Design of Technische Universität Dresden	Hanisch	240
tufte-latex	Document classes inspired by the work of Edward Tufte	Godby	225
tugboat-plain	Plain T <sub>E</sub> X macros for TUGboat	Beeton, Berry	145
tugboat-toc	An accumulation of TUGboat tables of contents	Beeton	145
tugboat	L <sup>A</sup> T <sub>E</sub> X macros for TUGboat articles	Fairbairns, Berry	203
tui	Thesis style for the University of the Andes, Colombia	Vaughan	504
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	458

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
turkish	L <sup>A</sup> T <sub>E</sub> X Support for Typesetting Turkish	MacKay	326
turkishintro	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Turkish	Rakhimov	394
turkmen	Babel support for Turkmen	Annagurban	130
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	161
turnthepage	Provide "turn page" instructions	Merciadri	338
TVS	TeX Versioning System	Antos	130
twcal	Calligraphic font for typesetting handwriting	Weinmann	523
tweb	A web system for T <sub>E</sub> X macro sources	Bzyl	165
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	542
twemojis	Use Twitter's open source emojis through L <sup>A</sup> T <sub>E</sub> X commands	Rossel	410
twocolumns	Knuth's two-column output macros	Knuth	289
2in1	Print two pages on a single page	Saxena	418
twoopt	Definitions with two optional arguments	Oberdiek	368
twoside	Two-side typesetting in Plain T <sub>E</sub> X	Unknown	499
twoup-gen	Macros to print two-up	Van Zandt, Voß	541
twoup1tx	Print two virtual pages on each physical page	Hansen	240
txfonts	Times-like fonts in support of mathematics	Ryu	416
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	489
txgreek	Shape selection for TX fonts Greek letters	Burnol	164
txp	Draw text along a path	Muelas	348
txt	Output documents via terminals, line printers, etc	Droms	194
txt2latex	Convert text by fixing special chars and quote marks	Miller	341
txt2tex	Add L <sup>A</sup> T <sub>E</sub> X markup to plain text	Jansons	265
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	436
type1cm	Arbitrary size font selection in L <sup>A</sup> T <sub>E</sub> X	Carlisle	168
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	512
typearea	Set page margins	Kohm, Neukam	293
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in L <sup>A</sup> T <sub>E</sub> X	Grewe	235
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	432
typeface	Select a balanced set of fonts	Jones	268
typehtml	Typeset HTML directly from L <sup>A</sup> T <sub>E</sub> X	Carlisle	168
typeoutfileinfo	Display class/package/file information	Lück	322
typespec	Create font samplers	Moye	347
typewriter	Typeset with a randomly variable monospace font	Carlisle	168
typicons	Font containing a set of web-related icons	Vigil	509
typoaid	Macros for font diagnostics	Ratti	395
typografie	A tutorial on typography	Reichert	398
typogrid	Print a typographic grid	Harders	243
tzplot	Plot graphs with TikZ abbreviations	Cho	177
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	387
uaclasses	University of Arizona thesis and dissertation format	Oliver	370
uaftthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	256
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	184
uassign	Environments and options for typesetting university assignments	Esau	202
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	539
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	511
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	431
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	272
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	267
ucsmograph	Typesetting academic documents from the University of Caxias do Sul	Baron	138
ucthesis	University of California thesis format	Gildea	223

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	350
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	429
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	127
uestcthesis	Thesis class for UESTC	Fujun	218
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	218
ugarite	Fonts for Ugaritic cuneiform script	Wilson	529
ugaritic	A font for Ugaritic	Stanier	449
uhc	Fonts for the Korean language	Un	492
uhhassignment	A document class for typesetting homework assignments	Wittenburg	530
uhrzeit	Time printing, in German	Meltzer	338
unthesis	University of Houston thesis document style	Georgakopoulos	221
uiucborder	Class for UIUC thesis red-bordered forms	Pakin	376
uiucthesis	UIUC thesis class	Czoschke, Hull	184
ukbill	A class for typesetting UK legislation	Granet	231
ukdate	Typeset date in a UK-ish form	Clark	178
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	533
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	438
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	499
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	491
ulem	Package for underlining	Arseneau	133
ulqda	Support of Qualitative Data Analysis	Griffin	235
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	226
ulsy	Extra mathematical characters	Goldschmitt	226
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	305
Ultra-TeX	An emacs T <sub>E</sub> X mode with "lightning completion"	Palmieri	377
umclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	186
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	282
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	224
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	445
umoline	Underline text allowing line breaking	Nakashima	353
umrand	Package for fancy box frames	Schrell, Hörstmeier	427
umthesis	Dissertations at the University of Michigan	Felty	207
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	461
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	504
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	216
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	207
uncial	Uncial manuscript book-hand font	Wilson	529
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	245
underlin-generic	Multi-word underlining	Gildea	223
underlin	Underlined running heads	Schöpf	426
underoverlap	Position decorations over and under expressions	Helvensteijn	248
underscore	Control the behaviour of " _ " in text	Arseneau	133
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	499
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	141
undolabl	Override existing labels	Münch	349
undump	Make a new executable with format loaded	Thomas	483
unfinished	Mark unfinished parts of a document	Unknown	499
unfonts-core	TrueType version of Un-fonts	Un	492
unfonts-extra	TrueType version of Un-fonts	Un	492
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	293

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	185
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	185
unicode-alphabets	Macros for using characters from Unicode's Private Use Area	Eriksen	202
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub Organisation	277
unicode-data	Unicode data and loaders for T <sub>E</sub> X	Wright, L <sup>A</sup> T <sub>E</sub> X Team	533
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	403
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	266
unicodfonttable	A Unicode font table generator	Mittelbach	343
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	382
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	542
uninormalize	Unicode normalization support	Hoftich	255
uniquecounter	Provides unlimited unique counter	Oberdiek	368
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	500
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	223
unitconv	Convert a length into one with another unit	Voß	516
unitipa	TIPA typefaces with Unicode characters as input	Unknown	500
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	392
units	Typeset units	Reichert	398
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	241
universa	Herbert Bayer's 'universal' font	Holm Christensen	177
universalis	Universalis font, with support	Tennent	474
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	446
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	341
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	336
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	482
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	213
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	337
unswthesis	UNSW theses	Zaitseff	540
untex	Strip (La)TeX commands from source file	Staats, Endisch	448
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	130
uowthesis	Document class for dissertations at the University of Wollongong	Ye	538
uowthesistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	235
upca	Print UPC-A barcodes	Mrkus	348
upgreek	Upright Greek letters	Schmidt, Harcombe	424
uplatex	pLaTeX2e and miscellaneous macros for upTeX	Maeda, Japanese T <sub>E</sub> X Team	328
upmendex	Multilingual index processor	Tanaka	468
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	219
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	278
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	182
upref	Ensure references are upright	The AMS	477
uptex-base	Plain T <sub>E</sub> X formats and documents for upTeX	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	328
uptex-fonts	Fonts for use with upTeX	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	328
uptex	Unicode version of pTeX	Tanaka	468
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pTeX	Zhang	543
urcls	Beamer and scrlltr2 classes and styles for the University of Regensburg	Peischl	382



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
uri	Hyperlinks for a wide range of URIs	Münch	349
url	Verbatim with URL-sensitive line breaks	Arseneau	134
urlbst	Web support for BibTeX	Gray	232
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	501
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	501
URW-base35	URW ‘Base 35’ font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	501
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	424
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	501
urw	URW free font support	URW GmbH	501
urwchancal	Use URW’s clone of Zapf Chancery as a maths alphabet	Sharpe	436
urwvf	Support for use of free URW fonts	Wierzbicki	525
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	179
usebib	A simple bibliography processor	Gregorio	234
usenix	Style option to do Usenix conference proceedings	Steiner	451
ushort	Shorter (and longer) underlines and underbars	Väth	503
ushyph	US hyphenation patterns	Kuiken	299
uspace	Giving meaning to various Unicode space characters	Haisman	239
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	390
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	481
ut-backref	Modified backref	Utcke	501
ut-thesis	University of Toronto thesis style	Pitt, Knight	386
utexasthesis	University of Texas at Austin graduate thesis style	Brown	160
utf2any	Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc	Kleiweg	284
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	270
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	165
utfsym	Provides various Unicode symbols	Spittank	446
util-half	A half-tone font	Unknown	500
utopia	Adobe Utopia fonts	Adobe	126
utoronthesis	A thesis class definition for University of Toronto	Bernecky	148
utthesis	Thesis package for the University of Texas at Austin	Das	186
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	384
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	384
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	384
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	384
uwmslide	Slides with a simple Power Point like appearance	Benedict	146
uwthesis	University of Washington thesis class	Fox	214
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	215
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	323
vak	BibTeX style for Russian Theses, books, etc	Melnikov	338
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	144
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	278
variations	Typeset tables of variations of functions	Obrecht	369
varindent	Make paragraph indentation match the length of the line above	Arseneau	134
varindex	Luxury frontend to the \index command	Väth	504
varioref	Intelligent page references	Mittelbach	343
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	257
varsects	A simple package for controlling headings	Taupin	469
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	544

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
varwidth	A variable-width minipage	Arseneau	134
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	314
vc	The vc (version control) bundle	Hennig, Hieber	250
vcell	Vertical alignment of content inside table cells	Dionne	191
vdm	Typesetting VDM schemas	Wolczko	530
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	306
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	198
venn	Creating Venn diagrams with MetaPost	Hefferon	246
venndiagram	Creating Venn diagrams with TikZ	Talbot	467
venturisADF	Venturis ADF fonts collection	Harendal, Rees	244
verbasef	VERBatim Automatic Splitting of External Files	Thompson	484
verbatim-gen	Generic macros for setting text verbatim	Taylor	469
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	500
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	145
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	426
verbatimbox	Deposit verbatim text in a box	Segletes	432
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	327
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	204
verbinp	"8-bit" verbatim	Perske	383
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	544
verbtex	Verbatim, interpreting non-ascii text	Perske	383
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	346
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	184
verifica	Typeset (Italian high school) exercises	Dossena	192
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	391
verse	Aids for typesetting simple verse	Robertson, Wilson	405
version	Conditionally include text	Bellantoni, Arseneau	146
versions	Optionally omit pieces of text	Lück	322
versionotes	Display brief notes on verso pages	Gray	232
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	405
vertex	Styles for economics working papers and journals	Varian	503
vf-howto	Tutorial on creating virtual fonts	Schmitz	425
vf-knuth	Knuth on virtual fonts	Knuth	289
vfcomb	VF author support	Berdnikov	147
vfinst	Virtual font installation support	Hoenig	253
vfware	Tools for virtual font metrics	Knuth	289
vgrid	Overlay a grid on the printed page	Lawrence	306
vhistory	Support for creating a change log	Wertenuer	524
vicentino	Vicentino fonts	Kraml, Kilfiger	295
vietnet	Preprocessor and macros for Vietnamese	Tran	487
viiptart	7pt-article class	Zadka	540
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	544
vispeech	Using Bell's Visible Speech alphabet	Shoulson	438
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	271
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	376
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	171
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	408
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	171
vita	Configurable class for curricula vitarum	Brodnik	159
vita209	A Curriculum Vitae style	Border	154
vmargin	Set various page dimensions	Kuhlmann	299
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	204
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	286
vnTEX-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	295
vnTEX	Support for Vietnamese	Thành, Lemberg, Kotucha	475

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Ververidis	505
volumes	Typeset only parts of a document, with complete indexes etc	Küster	301
voss-mathcol	Typesetting mathematics in colour, in (La)TeX	Voß	516
voss-mathmode	A comprehensive review of mathematics in (La)TeX	Voß	516
vowel	Draw vowel charts for phonetic research	Rei	397
vpage	Set page sizes	Kuhlmann	299
vpe	Source specials for PDF output	Oberdiek	368
vplutils	Manipulate (virtual) property lists	Duggan	196
vpp	View and (selectively) Print PDF and PostScript	Dekker	188
vrbl	Verbatim macros in plain T <sub>E</sub> X	van der Laan	302
vrblin	Verbatim input support	Thompson	484
vrblon	Add version number to a DVI file	Dahlgren	184
vruler	Numbering text	Jiang	268
VSLiTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	290
vtable	Vertical alignment of table cells	Paciorek	374
VTeX/Free	TeX system and PDF support for Linux and OS/2	MicroPress	339
vtex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	530
vvcode	Reliable encoder for binary files via email	Kempson	275
vwcol	Variable-width multiple text columns	Robertson	403
vxu	Document classes for Vaxjo University	Nyqvist	362
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	424
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	271
wadalab	Wadalab (Japanese) font packages	Lemberg	310
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	526
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	177
warning	Global warnings at the end of the logfile	Harders	243
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	406
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	424
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	253
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	519
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	278
watermark	Draw "watermarks" on the output page	Rozhenko	415
weave	Generate T <sub>E</sub> X source from web	Knuth	289
web	The original literate programming system	Knuth	289
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	522
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	415
web9pt	Nine-point web listings	Unknown	500
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	228
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	388
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	529
webmacss	Use sans serif font in Web listings	Unknown	500
webomints	Webomints font support	Loreti	319
WebQuiz	Write interactive web based quizzes	Mathas	332
weekday	Generate "day of week"	Vulis	518
wheelchart	Draw wheelcharts with TikZ	Floré	213
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	376
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	525
widetable	An environment for typesetting tables of specified width	Beccari	143
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	343
wiggly	Draw wiggly lines under text	Garavelli	219
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	322
williams	Miscellaneous macros by Peter Williams	Williams	526

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
willowtreebook	Easy basic book class, built on memoir	McKay	336
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	295
window	Create windows in paragraphs	Schalück	419
windvi	MS-Windows DVI viewer	Popineau	388
windycity	A Chicago style for BibLaTeX	Chase	173
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonc	441
winemtex	EmTeX for windows	Unknown	500
Winfonts	Use fonts distributed with Windows XP	Pichaureau	383
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	398
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	152
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	348
withargs	In-place argument substitution	Helvensteijn	248
witharrows	“Aligned” math environments with arrows for comments	Pantigny	377
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	147
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	348
wmf2eps	Windows metafile conversion	Schulter	429
wncyr	University of Washington cyrillic fonts	The AMS	477
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	377
wnri	Ridgeway’s fonts	Ridgeway, Pandey	400
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	500
woctag	Generate the German weekday name for a date	Schrell	427
Woff20T	Woff to OpenType converter	Frane Jr	270
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	177
word2x	Word 6 format converter	Simpson	441
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	193
wordlike	Simulating word processor layout	Fenn	207
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	186
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	530
worksheet	Easy creation of worksheets	Zöllner	544
worldflags	Drawing flags with TikZ	Haager	237
wotree	Draw Warnier/Orr diagrams	Gurari	237
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtík	213
wrapfig	Produces figures which text can flow around	Arseneau	134
wrapfig2	Wrap text around figures	Beccari	143
wrapstuff	Wrapping text around stuff	Lee	307
wright	Define commands with optional arguments	Unknown	500
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	443
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	410
wsuipa	International Phonetic Alphabet fonts	Guenther	236
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	284
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	381
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	500
xassocnt	Associated counters stepping simultaneously	Hupfer	259
xbibfile	Create and search BibTeX databases	Maloney	329
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	275
xbmks	Create a cross-document bookmark tree	Story	456
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	212
XCharter	Extension of Bitstream Charter fonts	Sharpe	436
xcite	Use citation keys from a different document	Gregorio	234
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	307
xcmr	A crossed-out version of Computer Modern	Unknown	500

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	260
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	481
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	372
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	183
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	275
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	541
xcookybooky	Typeset (potentially long) recipes	Harder	242
xcpdftips	Natbib citations with PDF tooltips	Kocic	290
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	247
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	390
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	500
xdvi	A DVI previewer for the X Window System	Vojta	511
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	396
xexchangebar	An extension of package exchangebar that can be used with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	461
xecjk	Support for CJK documents in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	307
xecolor	Support for color in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	277
xecolour	Support for colour in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	277
xecyr	Using Cyrillic languages in XeTeX	Shipunov	438
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	461
xeindex	Automatic index generation for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	262
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	228
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	347
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	277
xesearch	A string finder for XeTeX	Isambert, Robbers	262
xesoul	Use the soul package with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	461
xespotcolor	Spot colours support for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	461
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	326
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	172
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	345
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	451
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	461
xetex-itrans	Itrans input maps for use with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	126
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	437
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	451
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	276
xetexfontinfo	Report font features in XeTeX	Kew	276
xetexko	Typeset Korean with Xe(La)TeX	Kim	279
XeTeXref	Reference documentation of XeTeX	Robertson	403
xevlua	Insert non-breakable spaces using XeTeX	Wagner	519
xfakebold	Fake a regular font for bold characters	Voß	516
xfig	XWindows vector drawing program	Smith	443
xfor	A reimplementation of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	467
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	481
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	255
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	481
xgreek	Greek Language Support for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	461
xhfill	Extending \hrulefill	Voß	516
xifthen	Extended conditional commands	Noirel	360



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xii-lat	Christmas silliness (Latin)	Carlisle	169
xii	Christmas silliness (English)	Carlisle	169
xindex	Unicode compatible index generation	Voß	516
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	277
xindy	A general-purpose index processor	Kehr, Schrod	274
xint	Expandable operations on long numbers	Burnol	164
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	164
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	448
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	257
xkcdcolors	xkcd names of colors	Giannetti	222
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	161
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	193
xlop	Calculates and displays arithmetic operations	Charpentier	173
xltable	Longtable support with possible X-column specifier	Voß, Niepraschk	517
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	403
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	447
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	279
xmltex	Support for parsing XML documents	Carlisle	169
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	443
xmthesis	XMU thesis style	Cao	166
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	360
xoptarg	Expandable macros that take an optional argument	Noirel	360
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	481
xpatch	Extending etoolbox patching commands	Gregorio	234
xpdf	Viewing and manipulating PDF files	Noonburg	360
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	190
xpeek	Define commands that peek ahead in the input stream	Salomon	417
xpiano	An extension of the piano package	Gregorio	234
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	218
xpinyin	Automatically add pinyin to Chinese characters	Lee	307
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	259
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	395
Xput	Declarative Desktop Publishing with L <sup>A</sup> T <sub>E</sub> X	Bartels	139
xq	Support for writing about xiangqi	Weinhold, Pipping	523
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	169
xrefwarn	Only one warning for an undefined citation	Verwer	506
xsavebox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	230
xsim	eXercise Sheets IMproved	Niederberger	358
xskak	An extension to the skak package for chess typesetting	Fischer	211
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	470
xtab	Break tables across pages	Robertson, Wilson	405
xtcpts	Defining language-dependent text macros	Fricke	216

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	303
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	482
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	441
XteXShell	A shell/editor	Hofmann	254
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	415
xtuthesis	XTU thesis template	Dongdong	192
xunicode	Generate Unicode characters from accented glyphs	Moore	345
xurl	Allow URL breaks at any alphanumerical character	Voß	516
xwatermark	Graphics and text watermarks on selected pages	Musa	352
xwpick	Pick an image from an X display	Chernyaev	175
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	511
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	410
xymtex	Typesetting chemical structures	Fujita	218
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	166
xypic	Flexible diagramming macros	Rose, Moore	410
xytree	Tree macros using XY-Pic	Un	492
<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	353
yagusylo	A symbol loader	Henel	249
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	228
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	203
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	326
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	242
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	150
yax	Yet Another Key System	Isambert, Robbers	262
yazd-thesis	A template for the Yazd University	Damanafshan	186
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	421
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	346
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	212
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	159
yfonts	Support for old German fonts	Schmidt, Preining	424
yfrak	Old German Fraktur font	Haralambous	241
ygoth	Old German Gothic font	Haralambous	241
ymath	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	241
yi4latex	Yi (Southern Chinese) support	Corff	181
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	427
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	241
yinit	Old German decorative initials	Haralambous	241
york-thesis	A thesis class file for York University, Toronto	Gall	219
young	Young tableaux	Knappen, Wormer	287
youngtab	Typeset Young-Tableaux	Börchers	153
yplan	Daily planner type calendar	Nickalls, Harders	356
yquant	Typesetting quantum circuits in a human-readable language	Desef	189
yswab	Old German Schwabacher font	Haralambous	241
yt4pdf	Play YouTube videos in a PDF	Story	456
ytableau	Many-featured Young tableaux and Young diagrams	Reich	397
ytex	Macro package developed at MIT	Brotsky	160

Package	Caption	Author	Page
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	500
zahl2string	Format numbers as German words	Sauer	418
zblbuild	Help with the choice of a Bib $\LaTeX$ style and options	Milanese	340
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	143
zebra-goodies	A collection of handy macros for paper writing	Xue	535
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	187
zed	Typeset Z specifications	Spivey	447
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	218
zero	Start list (etc.) numbering at zero	Verhoeff	505
zhlineskip	Line spacing for CJK documents	Zhang	542
zhlipsum	Chinese dummy text	Zeng	542
zhmakeindex	Makeindex replacement for Chinese users	Liu	314
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	314
zhmetrics-uptex	Chinese font metrics for upTeX	Liu	314
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit $\TeX$	Wang, Wu	521
zhnumber	Typeset Chinese representations of numbers	Lee	307
zhspacing	Spacing for mixed CJK-English documents in XeTeX	Dian, Lee	190
ziffer	Conversion of punctuation in maths mode	Väth	504
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	302
zip	Barcodes for USA ZIP code	Smith	443
zitie	Create CJK character calligraphy practicing sheets	Unknown	500
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	436
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 $\LaTeX$ cross-references based on zref	Barros	139
zref-vario	Extended $\LaTeX$ page cross-references with varioref and zref-clever	Barros	139
zref	A new reference scheme for $\LaTeX$	Oberdiek	368
zwgetfdate	Get package or file date	Wagner	519
zwpagelayout	Page layout and crop-marks	Wagner	519
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	180
zxjafbfont	Fallback CJK font support for xeCJK	Yato	538
ZXjafont	Set up Japanese font families for Xe $\LaTeX$	Yato	538
ZXjatype	Standard conforming typesetting of Japanese, for Xe $\LaTeX$	Yato	538
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 URL: <https://ctan.org/pkg/oxford>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/oxford>
- Antos, David. *The TVS package. TeX Versioning System*. 2016-06-24. Version 1.28. LICENSE: gpl  
 URL: <https://ctan.org/pkg/tvs>  
 MIRROR: <https://mirror.ctan.org/support/TVS>
- Aonuma, Shuji. *The calorie package. Calorie checking for dieters*. 2016-06-24. Version 1.3. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/calorie>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/calorie.sty>
- Aplevich, Dwight. *The circuit-macros package. M4 macros for electric circuit diagrams*. 2022-11-30. Version 10.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/circuit-macros>  
 MIRROR: [https://mirror.ctan.org/graphics/circuit\\_macros](https://mirror.ctan.org/graphics/circuit_macros)
- Appelt, Wolfgang. *The knit package. Tangle and weave with multiple change files*. 2016-06-24. Version 2.7. LICENSE: noinfo. Knit and twist are represented as change files from and (respectively). In each case, they act in the same way as the parent program, but can process more than one change file at the same time.  
 URL: <https://ctan.org/pkg/knit>  
 MIRROR: <https://mirror.ctan.org/web/knit>
- Arapura, Donu. *The Array Maker package. A program for making L<sup>A</sup>T<sub>E</sub>X and xypic arrays*. 2016-06-24. LICENSE: other-free. This program is designed to take some of the tedium out of constructing arrays, diagrams and tables. L<sup>A</sup>T<sub>E</sub>X code is entered into boxes and the program outputs an array that can be pasted into a L<sup>A</sup>T<sub>E</sub>X file. This is written in (≥ 8.0) (most Unix/Linux systems have ).  
 URL: <https://ctan.org/pkg/arraymaker>  
 MIRROR: <https://mirror.ctan.org/support/arraymaker>
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 URL: <https://ctan.org/pkg/cluttex>  
 MIRROR: <https://mirror.ctan.org/support/cluttex>

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>
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 URL: <https://ctan.org/pkg/strands>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/strands>
- Arellano, Gonzalo Medina. *The background package. Placement of background material on pages of a document*. 2018-01-06. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/background>  
 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  
 URL: <https://ctan.org/pkg/fancypar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancypar>
- Argañaraz, Gustavo Sebastián Bustamante. *The MakeCirc package. A MetaPost library for drawing electrical circuit diagrams*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/makecirc>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>
- Árnason, Einar, Johannes L. Braams, and Javier Bezos López. *The babel-icelandic package. Babel support for Icelandic*. 2019-07-04. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-icelandic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>
- Arnold, Jeffrey B. *The lstbayes package. Listings language driver for Bayesian modeling languages*. 2018-07-07. LICENSE: lppl1.3. The package provides language drivers for the package for several languages not included in that package: BUGS, JAGS, and Stan.  
 URL: <https://ctan.org/pkg/lstbayes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayes>
- Arnold, Tim. *The longfigure package. Provides a figure-like environment that break over pages*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/longfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
- *The statrep package. Displays SAS code and results of running the code*. 2017-04-18. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/statrep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
- Arriba, Jose Luis Diaz de and Javier Bezos López. *The gloss package. Create glossaries using BibTeX*. 2016-06-24. Version 1.5.2. LICENSE: lppl. A glossary package using BibTeX with replaced by .  
 URL: <https://ctan.org/pkg/gloss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
- Arrouye, Yves. *The mkpkfontdir package. Manipulate TDS directories for PK fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mkpkfontdir>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
- Arseneau, Donald. *The braket package. Dirac bra-ket and set notations*. 2016-06-24. LICENSE: pd  
 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>

- Arseneau, Donald. *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>
  - *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>a</sup>tp<sub>s</sub>  
 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>
- Arseneau, Donald. *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>
  - *The tabs package. Better vertical spacing in tables and arrays*. 2016-06-24. Version 3.5. LICENSE: other-free  
 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: lppl1.3  
 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: lppl  
 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: lppl. 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>

Arseneau, Donald. *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.

URL: <https://ctan.org/pkg/lshort-spanish>

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. llmk: 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.

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

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

Ashton, James. *The indxcite package. Generate author index based on citations.* 2016-06-24. Version 1.1. LICENSE: other-nonfree. A package to automatically generate an Author Index based on citations made using BibT<sub>E</sub>X. It requires the use of the and packages and L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε.

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

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

- Ashton, James. *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>
- *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. BibL<sup>A</sup>T<sub>E</sub>X 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 BibL<sup>A</sup>TeX-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>  
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- *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>
- Bauke, Heiko. *The isotope package. A package for typesetting isotopes.* 2016-06-24. Version 0.3. LICENSE: lppl. The package provides a command for setting the atomic weight and atomic number indications of isotopes. (The naive way of doing the job with (La)T<sub>E</sub>X mathematics commands produces an unsatisfactory result.)  
 URL: <https://ctan.org/pkg/isotope>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isotope>
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 URL: <https://ctan.org/pkg/dinat>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/dinat>

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 URL: <https://ctan.org/pkg/bibarts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibarts>
- *The germkorr package. Change kerning for German quotation marks*. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/germkorr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/germkorr>
- Bautista, Tomás. *The abstyles-babel package. Adaptable styles for use with Babel*. 2016-06-24. LICENSE: other-free. This set of BibTeX styles is a version of the , modified so that the styles react to operations.  
 URL: <https://ctan.org/pkg/abstyles-babel>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/abstyles-babel>
- Bayart, Benjamin. *The esieecv package. Curriculum vitae for French use*. 2021-06-20. LICENSE: lppl  
 URL: <https://ctan.org/pkg/esieecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ESIEEcV>
- *The french-translations package. French translation project*. 2016-06-24. LICENSE: lppl  
 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.  
 URL: <https://ctan.org/pkg/undertilde>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undertilde>
- Baynham, Charles. *The gitver package. Get the current git hash of a project and typeset it in the document*. 2022-07-17. Version 1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/gitver>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gitver>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/globalvals>
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 URL: <https://ctan.org/pkg/rojud>  
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 URL: <https://ctan.org/pkg/colorweb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorweb>
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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/mathlig.tex>
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 URL: <https://ctan.org/pkg/make-latex>  
 MIRROR: [https://mirror.ctan.org/support/make\\_latex](https://mirror.ctan.org/support/make_latex)
- Beaudrap, Niel de. *The modref package. Customisation of cross-references in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/modref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modref>
- Beccari, Claudio. *The ar package. Capital A and capital R ligature for Aspect Ratio*. 2018-01-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ar>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ar>
- *The aspectratio package. Capital A and capital R ligature for Aspect Ratio*. 2016-06-24. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aspectratio>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aspectratio>
  - *The babel-friulan package. Babel/Polyglossia support for Friulan(Furlan)*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package provides a language description file that enables support of Friulan either with or with .



- URL: <https://ctan.org/pkg/babel-friulan>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/friulan>
- Beccari, Claudio. *The babel-piedmontese package. Babel support for Piedmontese*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides the language definition file for support of Piedmontese in . Some shortcuts are defined, as well as translations to Piedmontese of standard “LaTeX names”.
- URL: <https://ctan.org/pkg/babel-piedmontese>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>
- *The babel-romansh package. Babel/Polyglossia support for the Romansh language*. 2016-06-24. LICENSE: lppl1.3. The package provides a language description file that enables support of Romansh either with or with .  
URL: <https://ctan.org/pkg/babel-romansh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
  - *The begingreek package. Greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only*. 2022-05-16. Version 1.7. LICENSE: lppl1.3c. This simple package defines a greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only, that accepts an optional Greek font family name to type its contents with. A similar command does a similar action for shorter texts.  
URL: <https://ctan.org/pkg/begingreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begingreek>
  - *The canoniclayout package. Create canonical page layouts with memoir*. 2022-11-01. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/canoniclayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/canoniclayout>
  - *The cbfonts-fd package. L<sup>A</sup>T<sub>E</sub>X font description files for the CB Greek fonts*. 2019-07-18. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cbfonts-fd>  
MIRROR: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>
  - *The codicefiscaleitaliano package. Test the consistency of the Italian personal Fiscal Code*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/codicefiscaleitaliano>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codicefiscaleitaliano>
  - *The curve2e package. Extensions for package pict2e*. 2021-01-12. Version 2.2.15. LICENSE: lppl1.3c. The package extends the drawing capacities of the that serves as a L<sup>A</sup>T<sub>E</sub>X<sub>2</sub><sub>ε</sub> replacement for picture mode. In particular, curve2e introduces new macros for lines and vectors, new specifications for line terminations and joins, arcs with any angular aperture, arcs with arrows at one or both ends, generic curves specified with their nodes and the tangent direction at these nodes.  
URL: <https://ctan.org/pkg/curve2e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curve2e>
  - *The ecclesiastic package. Typesetting Ecclesiastic Latin*. 2016-06-24. Version 0.3. LICENSE: lppl1.3. The package modifies the way the option to operates when typesetting Latin. The style is somewhat ‘frenchified’ in respect of punctuation spacings and footnote style; shortcuts are available in order to set accents on all vowels, including y and the diphthongs ae and oe.  
URL: <https://ctan.org/pkg/ecclesiastic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecclesiastic>
  - *The euclideangeometry package. Draw geometrical constructions*. 2021-10-04. Version 0.2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/euclideangeometry>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euclideangeometry>
  - *The fixltxhyph package. Allow hyphenation of partially-emphasised substrings*. 2016-06-24. Version 0.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fixltxhyph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixltxhyph>
  - *The ithyph package. Hyphenation patterns for the Italian language*. 2018-10-09. Version 4.8g. LICENSE: lgpl  
URL: <https://ctan.org/pkg/ithyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/ithyph.tex>
  - *The lahyph package. Hyphenation patterns for the Latin language*. 2016-11-05. Version 3.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/lahyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/lahyph.tex>
  - *The latin package. Latin language definition for Babel*. 2016-06-24. Version 2/0f. LICENSE: lppl  
URL: <https://ctan.org/pkg/latin>  
MIRROR: <https://mirror.ctan.org/language/latin>
  - *The L<sup>A</sup>X fonts package. Set of slide fonts based on CM*. 2016-06-24. Version 2.0b. LICENSE: lppl  
URL: <https://ctan.org/pkg/lxfonts>  
MIRROR: <https://mirror.ctan.org/fonts/lxfonts>



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 URL: <https://ctan.org/pkg/pm-isomath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pm-isomath>
- *The swfigure package. Insert large images that do not fit into a single page*. 2022-05-07. Version 0.9.20. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/swfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swfigure>
  - *The testthyphens package. Testing hyphenation patterns*. 2016-06-24. Version 0.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/testthyphens>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testthyphens>
  - *The teubner package. Philological typesetting of classical Greek*. 2022-10-03. Version 5.7.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/teubner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/teubner>
  - *The TOPtesi package. Bundle for typesetting multilanguage theses*. 2020-09-06. Version 6.4.06. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/toptesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
  - *The widetable package. An environment for typesetting tables of specified width*. 2020-01-15. Version 2.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/widetable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/widetable>
  - *The wrapfig2 package. Wrap text around figures*. 2022-02-16. Version 6.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/wrapfig2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>
- Beccari, Claudio and Enrico Gregorio. *The imakeidx package. A package for producing multiple indexes*. 2016-10-15. Version 1.3e. LICENSE: lppl1.3. The package enables the user to produce and typeset one or more indexes simultaneously with a document. The package is known to work in L<sup>A</sup>T<sub>E</sub>X documents processed with pdfL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X. If is used for processing the index entries, no particular setting up is needed when T<sub>E</sub>X Live is used. Using or other programs it is necessary to enable shell escape; shell escape is also needed if is used.  
 URL: <https://ctan.org/pkg/imakeidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imakeidx>
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- *The tip package. Macro examples from “TeX in Practice”*. 2016-06-24. Version 1.0. LICENSE: nosell  
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 MIRROR: <https://mirror.ctan.org/info/examples/tip>
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 URL: <https://ctan.org/pkg/zbmath-review-template>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zbmath-review-template>
- Becker, Bernd. *The ltxdiff package. A Win32 program that compares tokens in two .tex files*. 2016-06-24. Version 0.9.0. LICENSE: nosource  
 URL: <https://ctan.org/pkg/ltxdiff>  
 MIRROR: <https://mirror.ctan.org/support/ltxdiff>
- *The runtex package. Windows program to run T<sub>E</sub>X variant and various utils as needed*. 2016-06-24. Version 0.1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/runtex>  
 MIRROR: <https://mirror.ctan.org/support/runtex>

- Becker, Brett A. *The anonymous-acm package. Typeset anonymous versions for ACM articles.* 2020-05-15. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/anonymous-acm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonymous-acm>
- Becker, Daniel. *The epspdfconversion package. On-the-fly conversion of EPS to PDF.* 2016-06-24. Version 0.61. LICENSE: lppl. The package calls the package to convert EPS graphics to PDF, on the fly. It serves as a vehicle for passing conversion options (such as , or ) to the converter.  
 URL: <https://ctan.org/pkg/epspdfconversion>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epspdfconversion>
- Becuwe, Stefan, Bart Windels, and Tobias Oetiker. *The lshort-dutch package. Introduction to L<sup>A</sup>T<sub>E</sub>X in Dutch.* 2016-06-24. Version 1.3. LICENSE: gpl. This is the Dutch (Netherlands) translation of the .  
 URL: <https://ctan.org/pkg/lshort-dutch>  
 MIRROR: <https://mirror.ctan.org/info/lshort/dutch>
- Beebe, Nelson H. F. *The Beebe-DVI package. A modular collection of DVI processors.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/beebe-dvi>  
 MIRROR: <https://mirror.ctan.org/dviware/beebe>
- *The bibclean package. A BibTeX prettyprinter, verifier, etc.* 2016-06-24. Version 2.11.3. LICENSE: noinfo. Bibclean is a portable program (written in C) that will pretty-print, syntax check, and generally sort out a BibTeX database file. The standardised format of bibclean’s output improves the chances of simple filters such as , , , (and so on) operating correctly.  
 URL: <https://ctan.org/pkg/bibclean>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibclean>
  - *The bibextract package. Utilities to extract BibTeX data.* 2016-06-24. Version 1.09. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibextract>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibextract>
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 URL: <https://ctan.org/pkg/biblio>  
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  - *The bibmods package. Tighter tolerances for bibliographies.* 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibmods>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bibmods.sty>
  - *The bibsort package. Sort a BibTeX bibliography file.* 2017-04-18. Version 0.11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibsort>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibsort>
  - *The BibTeX-examples package. Examples of BibTeX usage.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibtex-examples>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/examples>
  - *The bibtex-test package. BibTeX testing files.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibtex-test>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/test>
  - *The filehdr package. Self-descriptions in file headers.* 2016-06-24. Version 1.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/filehdr>  
 MIRROR: <https://mirror.ctan.org/support/filehdr>
  - *The is-bst package. Extended versions of standard BibTeX styles.* 2019-11-05. Version 2.03. LICENSE: other-free  
 URL: <https://ctan.org/pkg/is-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/is-bst>
  - *The showtags package. Print the tags of bibliography entries.* 2016-06-24. Version 1.05. LICENSE: pd  
 URL: <https://ctan.org/pkg/showtags>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showtags>
- Beek, Folkert van der. *The Vancouver package. Bibliographic style file for Biomedical Journals.* 2021-05-13. Version 1.0. LICENSE: lppl1.3. This BibTeX style file is generated with the docstrip utility and modified manually to meet the as published in N Engl J Med 1997;336:309-315 (also known as the Vancouver style). The complete set of requirements may be viewed on the web site.  
 URL: <https://ctan.org/pkg/vancouver>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/vancouver>
- Beeman, Roger L. and Pierre A. MacKay. *The fontbl package. A font sampler.* 2016-06-24. LICENSE: noinfo. An interactive program, that asks for font name and magnification, and then sets a table, a lower- and an upper-case alphabet listing, and a short text sample. This sample reflects a combination of the options available in testfont (in the distribution).

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MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fontbl.tex>
- Beeton, Barbara. *The cyrmemo package. Details of using the AMS Cyrillic fonts*. 2016-06-24. LICENSE: noinfo. A Plain T<sub>E</sub>X document, and support macros, describing the use of the AMS Cyrillic fonts (the family) in Plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X 2.09. (The fonts embody the OT2 encoding, in L<sup>A</sup>T<sub>E</sub>X 2e.)  
URL: <https://ctan.org/pkg/cyrmemo>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/cyrmemo>
- *The deproc package. Macros for DECUS proceedings articles*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/deproc>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/deproc>
  - *The tugboat-toc package. An accumulation of TUGboat tables of contents*. 2021-08-26. LICENSE: other-free  
URL: <https://ctan.org/pkg/tugboat-toc>  
MIRROR: <https://mirror.ctan.org/info/digests/tugboat/t-of-c>
  - *The verbatim-tub package. Plain T<sub>E</sub>X macros for verbatim*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/verbatim-tub>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.mac>
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URL: <https://ctan.org/pkg/tex-implementors>  
MIRROR: <https://mirror.ctan.org/info/digests/tex-implementors>
- *The tugboat-plain package. Plain T<sub>E</sub>X macros for TUGboat*. 2022-05-22. Version 1.27. LICENSE: other-free. The macros defined in this directory (in files and ) are used in papers written in Plain T<sub>E</sub>X for publication in TUGboat.  
URL: <https://ctan.org/pkg/tugboat-plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/tugboat>
- Beffara, Emmanuel. *The cml1 package. Symbols for linear logic*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/cml1>  
MIRROR: <https://mirror.ctan.org/fonts/cml1>
- *The ebproof package. Formal proofs in the style of sequent calculus*. 2021-01-28. Version 2.1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ebproof>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ebproof>
  - *The frcursive package. French cursive hand fonts*. 2018-05-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/frcursive>  
MIRROR: <https://mirror.ctan.org/fonts/frcursive>
  - *The thmbox package. Decorate theorem statements*. 2016-06-24. LICENSE: lppl. The package defines an environment that presents theorems, definitions and similar objects in boxes decorated with frames and various aesthetic features. The standard macro may be redefined to use the environment.  
URL: <https://ctan.org/pkg/thmbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thmbox>
- Beisert, Niklas. *The chlldoc package. Directly compile \include'd child documents*. 2018-12-30. Version 2.0. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X2e package enables the direct compilation of document sections included by to individual files.  
URL: <https://ctan.org/pkg/chlldoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chlldoc>
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 URL: <https://ctan.org/pkg/llncsconf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/llncsconf>
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 URL: <https://ctan.org/pkg/hepunits>  
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 URL: <https://ctan.org/pkg/clicks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clicks>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crumbs>
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 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>  
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  - *The eolang package. Formulas and graphs for the EO programming language*. 2022-12-16. Version 0.9.1. 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>
  - *The ffcodes package. Fixed-font code blocks formatted nicely*. 2022-12-02. Version 0.8.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you write source code in your academic papers and make it look neat. It uses and , configuring them the right way, to ensure that code fragments and code blocks look nicer.  
 URL: <https://ctan.org/pkg/ffcodes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ffcodes>
  - *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*. 2022-12-13. Version 0.15.0. 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>
  - *The kdpcover package. Covers for books published by Kindle Direct Publishing*. 2022-11-30. Version 0.5.1. LICENSE: mit. The problem this class solves is to change the size of the cover PDF according to the number of pages in the book — the bigger the book, the larger the spine of the book must be. The provided class makes the necessary calculations on-the-fly, using the tool. Obviously, you need to have it installed. Also, you must run with the option, in order to allow L<sup>A</sup>T<sub>E</sub>X to run .  
 URL: <https://ctan.org/pkg/kdpcover>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kdpcover>
  - *The ppt-slides package. Good-looking slide decks à la PowerPoint (PPT)*. 2022-12-04. Version 0.2.1. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you create slide decks as good-looking as with , but more precise, uniform, and visually strict. Check fully designed with the use of this package.  
 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/to-be-determined>
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 URL: <https://ctan.org/pkg/bnumexpr>  
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 URL: <https://ctan.org/pkg/colorframed>  
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 URL: <https://ctan.org/pkg/etoc>  
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 URL: <https://ctan.org/pkg/filecontentsdef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontentsdef>
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 URL: <https://ctan.org/pkg/footnotehyper>  
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 URL: <https://ctan.org/pkg/lgrmath>  
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 URL: <https://ctan.org/pkg/polexpr>  
 MIRROR: <https://mirror.ctan.org/macros/generic/polexpr>
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 URL: <https://ctan.org/pkg/poormanlog>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poormanlog>
  - *The pxgreek package. Shape selection for PX fonts Greek letters.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X maths users of the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes

for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\fourier`) allows using the alternate glyph (as in the `fourier` package). The `pxgreek` package does not constrain the text font that may be used in the document.

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

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

Burnol, Jean-François. *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  $\TeX$  dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to  $\TeX$  dimensional units, usable both with Plain  $\TeX$  and with  $\LaTeX$ .

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

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

— *The txgreek package. Shape selection for  $\TeX$  fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows  $\LaTeX$  users who use the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\fourier`) allows using the alternate glyph (as in the `fourier` package). The `txgreek` package does not constrain the text font that may be used in the document.

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

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

— *The xint package. Expandable operations on long numbers*. 2022-06-11. Version 1.4m. LICENSE: lppl1.3c

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

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

— *The xintsession package. Interactive computing sessions (fractions, floating points, polynomials)*. 2021-11-01. Version 0.4alpha. LICENSE: lppl1.3c

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

MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xintsession>

Burnus, Tobias. *The m-pictex package. Enable  $\text{PicTeX}$  to run with  $\LaTeX$* . 2016-06-24. LICENSE: other-free

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>

— *The edmargin package. Multiple series of endnotes for critical editions*. 2016-06-24. Version 1.2. LICENSE: lppl

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 `l`, `l`, and `l` 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  $\LaTeX$  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.

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

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

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URL: <https://ctan.org/pkg/brandeis-dissertation>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-dissertation>

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 URL: <https://ctan.org/pkg/dinbrief-gui>  
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 URL: <https://ctan.org/pkg/layaureo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layaureo>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs>
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 URL: <https://ctan.org/pkg/biochemistry-colors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biochemistry-colors>
- *The css-colors package. Named colors for web-safe design*. 2018-01-06. Version 1.02. LICENSE: lppl,gpl. This package defines web-safe colors for use with D.P. Carlisle's package. It is intended for both authors and package writers (e.g. to create color themes).  
 URL: <https://ctan.org/pkg/css-colors>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/css-colors>
- *The latex-course package. A L<sup>A</sup>T<sub>E</sub>X course as a projected presentation*. 2016-06-24. Version 2. LICENSE: gpl. A brief Beamer-based slide presentation on L<sup>A</sup>T<sub>E</sub>X, based on , which the author has translated to English and taken to L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>e/Beamer. Additional material was taken from the .  
 URL: <https://ctan.org/pkg/latex-course>  
 MIRROR: <https://mirror.ctan.org/info/latex-course>
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 URL: <https://ctan.org/pkg/i-ching>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/i-ching>
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 URL: <https://ctan.org/pkg/tweb>  
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 URL: <https://ctan.org/pkg/ladder>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ladder>
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 URL: <https://ctan.org/pkg/mrcheckbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/mrcheckbib>
- Caignaert, Christophe. *The kpfonts package. A complete set of fonts for text and mathematics*. 2022-09-19. Version 3.34. LICENSE: lppl,gpl

- URL: <https://ctan.org/pkg/kpfonts>  
MIRROR: <https://mirror.ctan.org/fonts/kpfonts>
- Callegari, Sergio. *The draftwatermark package. Put a grey textual watermark on document pages.* 2020-12-08. Version 3.0. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/draftwatermark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftwatermark>
- *The everypage package. Provide hooks to be run on every page of a document.* 2020-10-18. Version 2.0b. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/everypage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everypage>
  - *The flippdf package. Horizontal flipping of pages with pdfLaTeX.* 2020-10-27. Version 2.0b. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/flippdf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flippdf>
  - *The rotpages package. Typeset sets of pages upside-down and backwards.* 2016-06-24. Version 3.0. LICENSE: lpl  
URL: <https://ctan.org/pkg/rotpages>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
- Calvani, Massimo. *The prepr package. Preprint macros.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/prepr>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
- Camara Neto, Vilar da. *The breakurl package. Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf.* 2016-06-24. Version 1.40. LICENSE: lpl. This package provides a command much like hyperref's that typesets a URL using a typewriter-like font. However, if the dvips driver is being used, the original doesn't allow line breaks in the middle of the created link: the link comes in one atomic piece. This package allows such line breaks in the generated links.  
URL: <https://ctan.org/pkg/breakurl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakurl>
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URL: <https://ctan.org/pkg/beamer-tut-pt>  
MIRROR: <https://mirror.ctan.org/info/portuguese/beamer>
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URL: <https://ctan.org/pkg/cursolatex>  
MIRROR: <https://mirror.ctan.org/info/portuguese/cursolatex>
  - *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese.* 2016-06-18. LICENSE: gpl  
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URL: <https://ctan.org/pkg/biblatex-enc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
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URL: <https://ctan.org/pkg/ndsu-thesis-2022>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
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URL: <https://ctan.org/pkg/drop>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
- Cao, Camuse. *The xmuthesis package. XMU thesis style.* 2020-10-12. Version 0.4.1. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/xmuthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
- Cappelletti, Luca. *The adigraph package. Augmenting directed graphs.* 2019-01-29. Version 1.7.1. LICENSE: mit  
URL: <https://ctan.org/pkg/adigraph>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
- *The lectures package. A document class for quickly drafting nice looking lecture notes.* 2020-02-02. Version 1.0.5. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X documentclass provides a number of gimmicks to draft nice looking lecture notes, such as a number of theorem environments, automatic spacing and alignment of figures and much more. More information is available in the .  
URL: <https://ctan.org/pkg/lectures>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectures>

- Caprio, Mark. *The iopart-num package. Numeric citation style for IOP journals*. 2016-06-24. Version 2.1. LICENSE: lppl  
 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>
  - *The dotlessj package. Generates a dot-less j*. 2022-03-14. Version 0.03. LICENSE: lppl  
 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>
  - *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 hhline package. Better horizontal lines in tabulars and arrays*. 2021-06-01. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hhline>  
 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>



Carlisle, David. *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>

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

- *The remreset package. Remove counters from reset list.* 2022-03-14. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/remreset.sty>

- *The scalefmt package. Rescale fonts to arbitrary sizes.* 2022-03-14. LICENSE: lppl

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

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

MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>

- *The slashed package. Put a slash through characters.* 2022-03-14. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>

- *The tabulary package. Tabular with variable width columns balanced.* 2018-01-06. Version 0.10. LICENSE: lppl. The package defines a -like environment , taking a 'total width' argument as well as the column specifications. The environment uses column types , , and for variable width columns ( , , , and normally justified). In contrast to 's X columns, the width of each column is weighted according to the natural width of the widest cell in the column.

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 , together with a LuaT<sub>E</sub>X virtual font setup that introduces random variability in grey level and angle of each character. It was originally an .

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

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

- *The ucharcat package. Implementation of the (new in 2015) XeT<sub>E</sub>X \Ucharcat command in lua, for LuaT<sub>E</sub>X.* 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the \Ucharcat command for LuaL<sup>A</sup>T<sub>E</sub>X. is a new primitive in XeT<sub>E</sub>X, 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>

- Carlisle, David. *The xii package. Christmas silliness (English)*. 2017-11-14. LICENSE: lpl  
 URL: <https://ctan.org/pkg/xii>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii>
- *The xii-lat package. Christmas silliness (Latin)*. 2017-11-20. LICENSE: lpl  
 URL: <https://ctan.org/pkg/xii-lat>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii-lat>
  - *The xmltex package. Support for parsing XML documents*. 2018-04-05. Version 0.8. LICENSE: lpl  
 URL: <https://ctan.org/pkg/xmltex>  
 MIRROR: <https://mirror.ctan.org/macros/xmltex/base>
- Carlisle, David and Karl Berry. *The miniltx package. An abstract of L<sup>A</sup>T<sub>E</sub>X facilities for use with Plain T<sub>E</sub>X*. 2022-09-29. LICENSE: lpl.  
 Part of the collection which allows the use of L<sup>A</sup>T<sub>E</sub>X's graphics, colour, and picture mode commands in plain T<sub>E</sub>X based formats.  
 URL: <https://ctan.org/pkg/miniltx>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics/miniltx.tex>
- Carlisle, David, Peter Breitenlohner, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The etex-pkg package. E-TeX support package*. 2017-04-18. Version 2.7.  
 LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/etex-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etex-pkg>
- Carlisle, David, Jean-Pierre Drucbert, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The xr package. References to other L<sup>A</sup>T<sub>E</sub>X documents*. 2021-06-01.  
 Version 5.06. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/xr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David and Robin Fairbairns. *The maths-symbols package. Summary of mathematical symbols available in L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18.  
 Version 3.4. LICENSE: lpl1.2. A predecessor of the , covering mathematical symbols available in standard L<sup>A</sup>T<sub>E</sub>X (including the AMS symbols, if available at compile time).  
 URL: <https://ctan.org/pkg/maths-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/math>
- Carlisle, David, Morten Høgholm, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The xspace package. Define commands that appear not to eat spaces*.  
 2021-06-01. Version 1.13. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/xspace>  
 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: lpl1.3c  
 URL: <https://ctan.org/pkg/longtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David, Frank Mittelbach, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The bm package. Access bold symbols in maths mode*. 2022-06-08.  
 Version 1.2f. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/bm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David and Oberdiek Package Support Group. *The xr-hyper package. Inter-document hyper-references*. 2022-11-13. Version 7.00u.  
 LICENSE: lpl  
 URL: <https://ctan.org/pkg/xr-hyper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref/xr-hyper.sty>
- Carlisle, David, Sebastian Rahtz, Hans Hagen, Martin Schröder, and Heiko Oberdiek. *The pdftex-def package. Colour and Graphics support for pdfTeX*. 2022-09-23. Version 1.2b. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/pdftex-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
- Carlisle, David, Walter A. Schmidt, and Karl Berry. *The ly1 package. Support for LY1 L<sup>A</sup>T<sub>E</sub>X encoding*. 2022-06-11. LICENSE: lpl  
 URL: <https://ctan.org/pkg/ly1>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/ly1>
- Carlisle, David and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The afterpage package. Execute command after the next page break*. 2021-06-01. Version 1.08.  
 LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/afterpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- *The color package. Colour control for L<sup>A</sup>T<sub>E</sub>X documents*. 2022-06-08. Version 1.3d. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/color>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>

- Carlisle, David and The L<sup>A</sup>T<sub>E</sub>X Project Team. *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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *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>
  - *The graphics package. Standard L<sup>A</sup>T<sub>E</sub>X graphics.* 2022-06-08. Version 1.4e. LICENSE: lppl1.3c  
 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  
 URL: <https://ctan.org/pkg/keyval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The lscape package. Place selected parts of a document in landscape.* 2021-06-01. Version 3.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The ltxdoc package. Class for documented L<sup>A</sup>T<sub>E</sub>X macro files.* 2022-12-01. Version 2.1i. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ltxdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
  - *The luatex-def package. LuaTeX option file for color and graphics.* 2022-09-23. Version 1.2d. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/luatex-def>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphics-def>
  - *The tabularx package. Tabulars with adjustable-width columns.* 2021-06-01. Version 2.11c. LICENSE: lppl1.3c  
 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>
- Carlisle, David, Joseph Wright, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The luatex85 package. pdfTeX aliases for LuaTeX.* 2016-06-24. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luatex85>  
 MIRROR: <https://mirror.ctan.org/macros/generic/luatex85>
- Carriba, Manuel and Hippocrates Sendoukas. *The icons package. TeX icons.* 2016-06-24. LICENSE: knuth  
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luagcd>
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URL: <https://ctan.org/pkg/luamaths>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luamaths>
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URL: <https://ctan.org/pkg/luamodulartables>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luamodulartables>
  - *The luaset package. Set Operations inside L<sup>A</sup>T<sub>E</sub>X documents using Lua*. 2022-12-29. Version 1.0. LICENSE: lppl1.3c. The luaset package is developed to define finite sets and perform operations on them inside L<sup>A</sup>T<sub>E</sub>X documents. There is no particular environment in the package for performing set operations. The package commands can be used in any environment (including the mathematics environment). It is written in Lua, and the file is to be compiled with the LuaL<sup>A</sup>T<sub>E</sub>X engine. The time required for operations on sets is not an issue while compiling with the LuaL<sup>A</sup>T<sub>E</sub>X engine. There is no need to install Lua on the users system as T<sub>E</sub>X distributions (TeX Live or MikTeX) come bundled with LuaLaTeX.  
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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>Y</sub>L<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.  
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/labelcas>
- Dimakos, Ioannis and Dimitrios Filippou. *The greekinfo3 package. Overview of systems, packages, and fonts for Greek T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/info/greek/greekinfo3>
- Dimitriadis, Alexis. *The drs package. Typeset Discourse Representation Structures (DRS)*. 2016-06-24. Version 1.1b. LICENSE: lppl1.3  
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- Dionne, Xavier. *The vcell package. Vertical alignment of content inside table cells.* 2021-05-01. Version 1.0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/vcell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vcell>
- Dippell, Marvin. *The nChairX package. Maths macros from chair X of Würzburg University.* 2021-08-12. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nchairx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nchairx>
- Dirr, Ulrich. *The SkakNew package. The skak chess fonts redone in Adobe Type 1.* 2017-04-18. LICENSE: lppl. This package offers Adobe Type 1 versions of the fonts provided as Metafont source by the bundle.  
 URL: <https://ctan.org/pkg/skaknew>  
 MIRROR: <https://mirror.ctan.org/fonts/chess/skaknew>
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 URL: <https://ctan.org/pkg/figfrag>  
 MIRROR: <https://mirror.ctan.org/graphics/figfrag>
- Doerr, Hans-Peter. *The Exceltex package. Get data from Excel files into L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 0.5.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/exceltex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exceltex>
- Döhring, B. Michel. *The oPlotSymb1 package. Some symbols which are not easily available.* 2017-08-04. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/oplotsymb1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oplotsymb1>
- Dohse, Max. *The TikZ–FeynHand package. Feynman diagrams with TikZ.* 2019-08-19. Version 1.1.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/tikz-feynhand>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-feynhand>
- Doll, Mark and Cengiz Günay. *The texdiff package. Compare documents and produce tagged merge.* 2017-04-18. Version 0.4. LICENSE: artistic. Two files are compared and a new T<sub>E</sub>X file is output. When the output file is processed with (La)T<sub>E</sub>X it marks new changes with blue and old text with red with a strike-through line. Furthermore, passages with changes are marked at the margin with grey bars by the L<sup>A</sup>T<sub>E</sub>X package.  
 URL: <https://ctan.org/pkg/texdiff>  
 MIRROR: <https://mirror.ctan.org/support/texdiff>
- Domanov, Oleg. *The biblalex-gost package. BibL<sup>A</sup>T<sub>E</sub>X support for GOST standard bibliographies.* 2021-05-08. Version 1.22. LICENSE: lppl1.3c. The package provides support for Russian bibliography style GOST 7.0.5-2008  
 URL: <https://ctan.org/pkg/biblalex-gost>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblalex-contrib/biblalex-gost>
- Domenjoud, Eric. *The footbib package. Bibliographic references as footnotes.* 2016-06-24. Version 2.0.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/footbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footbib>
- *The hex package. Print a counter in hexadecimal.* 2016-06-24. LICENSE: noinfo. Defines a macro that takes a counter name as argument.  
 URL: <https://ctan.org/pkg/hex>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hex.sty>
- Domingo, Augustin Martin and Tilman Vogel. *The fragmaster package. Using psfrag with pdfLaTeX.* 2016-06-24. Version 1.6. LICENSE: gpl. Fragmaster enables you to use with pdfLaTeX. It takes EPS files and psfrag substitution definition files, and produces PDF and EPS files with the substitutions included.  
 URL: <https://ctan.org/pkg/fragmaster>  
 MIRROR: <https://mirror.ctan.org/support/fragmaster>
- Dominici, Massimiliano. *The dramatist package. Typeset dramas, both in verse and in prose.* 2016-06-24. Version 1.2e. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dramatist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dramatist>
- *The parrun package. Typesets (two) streams of text running parallel.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/parrun>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parrun>
- Dominik, Carsten and Holger Karl. *The psfixbb package. Correct the bounding box of a PostScript file.* 2016-06-24. Version 3.0. LICENSE: gpl. Computes the BoundingBox of a PostScript file, using , and ; then produces a new version of the file with the correct BoundingBox.  
 URL: <https://ctan.org/pkg/psfixbb>  
 MIRROR: <https://mirror.ctan.org/support/psfixbb>



- Donald, Bruce. *The nih package. A class for NIH grant applications*. 2018-01-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nih>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nih>
- Donato, Paolo De. *The lt3rawobjects package. Objects and proxies in L<sup>A</sup>T<sub>E</sub>X3*. 2022-12-09. Version 2.2. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/lt3rawobjects>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3rawobjects>
- *The resmes package. Measure restriction symbol in L<sup>A</sup>T<sub>E</sub>X*. 2022-12-29. Version 1.0. LICENSE: mit. This package provides a simple macro that prints the measure restriction symbol.  
 URL: <https://ctan.org/pkg/resmes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resmes>
  - *The styledcmd package. Handling multiple versions of user-defined macros*. 2022-12-13. Version 2.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/styledcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/styledcmd>
- Dongdong, Lin. *The xtuthesis package. XTU thesis template*. 2018-04-29. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xtuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtuthesis>
- Doob, Michael. *The gentle package. A Gentle Introduction to T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/gentle>  
 MIRROR: <https://mirror.ctan.org/info/gentle>
- 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. BibT<sub>E</sub>X 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  $\TeX$  log, for example:

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

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

Downes, Michael J. *The dialogl package. Macros for constructing interactive  $\LaTeX$  scripts*. 2016-06-24. LICENSE: lppl

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

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

— *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  $\LaTeX$  providing a number of commands for printing the value of a  $\TeX$  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  $\LaTeX$  document*. 2016-06-24. Version 1.7. LICENSE: lppl. The package provides a relatively easy way of estimating the number of words in a  $\LaTeX$  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  $\TeX$ , 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  $\TeX/\LaTeX$  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  $\LaTeX$  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>
- Drucbert, 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>
- Du, Sicheng. *The gradient-text package. Decorate text with linear gradient colors*. 2022-12-26. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/gradient-text>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradient-text>
- *The maze package. Generate random mazes*. 2022-12-29. Version 1.1. LICENSE: lppl1.3c. This package can generate random square mazes of a specified size. The mazes generated by this package are natural and their solution is not too obvious. The output it based on the environment.  
 URL: <https://ctan.org/pkg/maze>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maze>
- 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: lppl1.3  
 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 <https://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>
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 MIRROR: <https://mirror.ctan.org/info/docsurvey>
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 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: lppl1.3. 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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>
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 URL: <https://ctan.org/pkg/papercdcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>



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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
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 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 `\testopt`, named `\exp_testopt`, and a more general `\exp_testopt`, 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>
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 URL: <https://ctan.org/pkg/gmdoc-enhance>  
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  - *The minipage-marginpar package. Minipages with marginal notes*. 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/minipage-marginpar>  
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 URL: <https://ctan.org/pkg/noitcrul>  
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 URL: <https://ctan.org/pkg/pauldoc>  
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  - *The randbild package. Marginal pictures*. 2018-09-15. Version 0.2. LICENSE: lppl. Provides environments to draw small marginal plots (using the packages `randcolor` and `randsize`), and (the same, only without the automatically drawn coordinate system).  
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 MIRROR: <https://mirror.ctan.org/fonts/arvo>
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 URL: <https://ctan.org/pkg/cascadia-code>  
 MIRROR: <https://mirror.ctan.org/fonts/cascadia-code>
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 URL: <https://ctan.org/pkg/gudea>  
 MIRROR: <https://mirror.ctan.org/fonts/gudea>
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 URL: <https://ctan.org/pkg/hindmadurai>  
 MIRROR: <https://mirror.ctan.org/fonts/hindmadurai>
  - *The inter package. 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*. 2021-04-17. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Inter Sans family of fonts (version 3.015), designed by Rasmus Andersson. Inter is a typeface specially designed for user interfaces with focus on high legibility of small-to-medium sized text on computer screens. The family features a tall x-height to aid in readability of mixed-case and lower-case text.  
 URL: <https://ctan.org/pkg/inter>  
 MIRROR: <https://mirror.ctan.org/fonts/inter>
  - *The magra package. The Magra font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/magra>  
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URL: <https://ctan.org/pkg/ascii-chart>  
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URL: <https://ctan.org/pkg/cdlabeler>  
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MIRROR: <https://mirror.ctan.org/macros/generic/cropmark>
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URL: <https://ctan.org/pkg/eijkhout>  
MIRROR: <https://mirror.ctan.org/macros/generic/eijkhout>
  - *The outliner package. Change section levels easily*. 2016-06-24. Version 0.94. LICENSE: gpl. Allows you to write "" instead of the usual stuff; the definitions of the levels can then easily be changed. There is a mechanism for shifting all levels. This makes it easy to bundle existing articles into a compilation.  
URL: <https://ctan.org/pkg/outliner>  
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 URL: <https://ctan.org/pkg/ieejtran>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/ieejtran>
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 MIRROR: <https://mirror.ctan.org/support/check-parens>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refstyle>
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- Els, Danie and Joseph Wright. *The SIstyle package. Package to typeset SI units, numbers and angles*. 2021-06-24. Version 2.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/sistyle>  
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- Elwell, Clayton M. *The AFMtoPL (Elwell) package. An early converter from AFM to PL*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/afmtopl-elwell>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/afmtopl/elwell>
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URL: <https://ctan.org/pkg/ifmslide>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmslide>
- *The ticket package. Make labels, visiting-cards, pins with L<sup>A</sup>T<sub>E</sub>X*. 2016-10-11. Version 0.4d. LICENSE: lppl1.3. Provides an easy to handle interface to produce visiting cards, labels for your files, stickers, pins and other stuff for your office, conferences etc. All you need is a definition of your ‘ticket’ included in a ticket definition file and the two commands and .  
URL: <https://ctan.org/pkg/ticket>  
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pyluatex>
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- Engel, Christian, Dirk Jagdman, and Kamal Al-Yahya. *The tr2latex package. Translate troff source to L<sup>A</sup>T<sub>E</sub>X*. 2018-08-01. Version 2.6. LICENSE: nosell. A development of Al-Yahya’s original troff-to-LaTeX. The translator recognises most and macros, plus some and preprocessor commands; output is in L<sup>A</sup>T<sub>E</sub>X 2.09 format.

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 MIRROR: <https://mirror.ctan.org/support/tr2latex>
- Engelen, Johan B. C. *The svg-inkscape package. How to include an SVG image in L<sup>A</sup>T<sub>E</sub>X using Inkscape*. 2016-06-24. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/info/l2tabu/german>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/eppstein>
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 URL: <https://ctan.org/pkg/bibindex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibindex>
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 URL: <https://ctan.org/pkg/biblook>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibindex>
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 URL: <https://ctan.org/pkg/unicode-alphabets>  
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 URL: <https://ctan.org/pkg/texi2roff>  
 MIRROR: <https://mirror.ctan.org/support/texi2roff>
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 URL: <https://ctan.org/pkg/uassign>  
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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,lppl1.3c. 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: lppl1.3c  
 URL: <https://ctan.org/pkg/rosario>  
 MIRROR: <https://mirror.ctan.org/fonts/rosario>
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 URL: <https://ctan.org/pkg/dvichk>  
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 MIRROR: <https://mirror.ctan.org/support/latexdb>
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 URL: <https://ctan.org/pkg/ansize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ansize>
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 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.  
 URL: <https://ctan.org/pkg/autopuncitems>  
 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 LuaL<sup>A</sup>T<sub>E</sub>X 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 LuaL<sup>A</sup>T<sub>E</sub>X users*. 2022-10-25. LICENSE: mit. This LuaL<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X definition creation*. 2022-11-06. LICENSE: mit  
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 URL: <https://ctan.org/pkg/pmxchords>  
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- Fairbairns, Robin. *The scriptfonts package. A summary of mathematical script fonts for L<sup>A</sup>T<sub>E</sub>X users*. 2019-09-27. LICENSE: lpl  
 URL: <https://ctan.org/pkg/scriptfonts>  
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 URL: <https://ctan.org/pkg/texfaq>
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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>
  - *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 (L<sup>A</sup>T<sub>E</sub>X 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>
  - *The oldstyle package. Old style numbers in OT1 encoding*. 2018-09-15. Version 0.2. LICENSE: lppl. Font information needed to load the and fonts for use to produce oldstyle numbers.  
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>
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URL: <https://ctan.org/pkg/topcapt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/topcapt.sty>
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URL: <https://ctan.org/pkg/verbddef>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbddef>
  - *The vmspell package. A spell-checker for VMS systems*. 2018-09-15. LICENSE: pd  
URL: <https://ctan.org/pkg/vmspell>  
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URL: <https://ctan.org/pkg/moreverb>  
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URL: <https://ctan.org/pkg/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: lpl1.3. 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>
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URL: <https://ctan.org/pkg/figput>  
MIRROR: <https://mirror.ctan.org/graphics/figput>
- Faist, Philippe. *The phfcc package. Convenient inline commenting in collaborative documents*. 2021-10-15. Version 2.0. LICENSE: lpl1.3. Easily define helper macros to insert comments in a L<sup>A</sup>T<sub>E</sub>X document. A convenient syntax enables you to mark text additions (e.g., “” or “”), an in-line comment (e.g., “”), and text removals (e.g., “”). New colors are assigned automatically to each commenter by default, and the appearance of all comments is highly customizable.  
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: lpl1.3  
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: lpl1.3  
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: lpl1.3  
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: lpl1.3  
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: lpl1.3  
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: lpl1.3. 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 a 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: lpl1.3. 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: lpl1.3. 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>

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URL: <https://ctan.org/pkg/citeall>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/citeall>
  - *The combofont package. Add NFSS-declarations of combo fonts to LuaL<sup>A</sup>T<sub>E</sub>X documents*. 2019-06-08. Version 0.3. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/combofont>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/combofont>
  - *The enpassant package. Enpassant chess font support*. 2016-06-24. Version 1.1. LICENSE: lpl. The package contains the necessary files to use free chess fonts from the (or on CTAN), with (La)TeX. 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: lpl1.3c  
URL: <https://ctan.org/pkg/fontloader-luaotfload>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/generic/fontloader-luaotfload>
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URL: <https://ctan.org/pkg/newpax>  
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 pdfL<sup>A</sup>T<sub>E</sub>X and LuaLaTeX*. 2022-12-28. Version 0.98a. LICENSE: lpl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/french>
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 URL: <https://ctan.org/pkg/lettrine>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabvar>
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 URL: <https://ctan.org/pkg/xcharter-math>  
 MIRROR: <https://mirror.ctan.org/fonts/xcharter-math>
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 MIRROR: <https://mirror.ctan.org/macros/generic/gt1>
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- etc.
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 URL: <https://ctan.org/pkg/luakeys>  
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 URL: <https://ctan.org/pkg/chinesechess>  
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 URL: <https://ctan.org/pkg/circledtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/circledtext>
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 URL: <https://ctan.org/pkg/codebox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codebox>
  - *The hanzibox package. Boxed Chinese characters with Pinyin above and translation below.* 2022-04-17. Version 2.3.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hanzibox>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hanzibox>
  - *The nwafuthesis package. A thesis template package for Northwest A&F University, China.* 2022-05-29. Version 1.15. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/nwafuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/nwafuthesis>
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 URL: <https://ctan.org/pkg/pascaltriangle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pascaltriangle>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/termsim>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/uhthesis.sty>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rec-thy>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hilowres>
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 URL: <https://ctan.org/pkg/context-rst>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-rst>
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-transliterator>
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 URL: <https://ctan.org/pkg/enigma>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/enigma>
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 MIRROR: <https://mirror.ctan.org/fonts/asapsym>
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 URL: <https://ctan.org/pkg/directory>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/directory>
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 URL: <https://ctan.org/pkg/metauml>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metauml>
- Gherzi, Andrea. *The mycv package. A list-driven CV class, allowing TikZ decorations*. 2016-06-24. Version 1.5.6. LICENSE: lppl1.3. The class provides a set of functionality for writing “curriculum vitae” with different layouts. The idea is that a user can write some custom configuration directives, by means of which is possible both to produce different c.v. layouts and quickly switch among them. In order to process such directives, the class uses a set of lists, provided by the package. Basic support for using decorations is also provided.  
 URL: <https://ctan.org/pkg/mycv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mycv>
- Ghibo, Giuseppe. *The mma21tx package. Use Mathematica graphics in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-01-06. Version 1.23. LICENSE: shareware  
 URL: <https://ctan.org/pkg/mma21tx>  
 MIRROR: <https://mirror.ctan.org/graphics/mma21tx>
- Giacomelli, Roberto. *The barracuda package. Draw barcodes with Lua*. 2022-06-23. Version 0.0.12. LICENSE: gpl2. The library is a modular Lua package for drawing barcode symbols. It provides modules for writing barcodes from a LuaTeX document. It is also possible to use Barracuda with a standalone Lua interpreter to draw barcodes in different graphic formats like SVG.  
 URL: <https://ctan.org/pkg/barracuda>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/barracuda>
- *The calctab package. Language for numeric tables*. 2016-06-24. Version 0.6.1. LICENSE: lppl. The calctab package helps the user to typeset a kind of economic table such as invoices, expense notes and liquidation, or other tabular material with a values column. The code computes sum and percentage with floating point numeric methods (using the package) and builds the render table task.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calctab>
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 URL: <https://ctan.org/pkg/circledsteps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/circledsteps>
- *The xkcdcolors package. xkcd names of colors*. 2020-01-18. Version 1.0.1. LICENSE: lppl1.3c,cc0  
 URL: <https://ctan.org/pkg/xkcdcolors>  
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 URL: <https://ctan.org/pkg/fetchcls>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchcls>
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 URL: <https://ctan.org/pkg/lccaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lccaps>
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 URL: <https://ctan.org/pkg/stealcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stealcaps>
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 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>



- Giese, Martin and Herbert Voß. *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>
- Giesekeing, 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>
- *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>
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 URL: <https://ctan.org/pkg/ctie>  
 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/ctie](https://mirror.ctan.org/web/c_cpp/ctie)
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 URL: <https://ctan.org/pkg/labels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels>
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 URL: <https://ctan.org/pkg/ucthesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucthesi>
- 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 Megrêt, 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>
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URL: <https://ctan.org/pkg/pst-magneticfield>  
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URL: <https://ctan.org/pkg/prodint>  
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- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/harvmac>  
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- 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>

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 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>
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 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>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/animate>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/movie15>
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacensor>
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 URL: <https://ctan.org/pkg/patgen2-tutorial>  
 MIRROR: <https://mirror.ctan.org/info/patgen2-tutorial>
  - *The yfrak package. Old German Fraktur font*. 2017-01-21. LICENSE: pd  
 URL: <https://ctan.org/pkg/yfrak>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/yfrak>
  - *The ygoth package. Old German Gothic font*. 2017-01-21. LICENSE: pd  
 URL: <https://ctan.org/pkg/ygoth>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/ygoth>
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 URL: <https://ctan.org/pkg/yinit>  
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 URL: <https://ctan.org/pkg/bibtexu>  
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 MIRROR: <https://mirror.ctan.org/obsolete/systems/omega>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnbreak>
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URL: <https://ctan.org/pkg/germbib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/germbib>
- *The ginpenc package. Modification of inputenc for German*. 2019-03-12. Version 1.0. LICENSE: lppl. If the is used and German umlauts are input directly, they are converted to the LICR representation (etc.). This breaks the sort algorithm of , for instance. Ginpenc converts umlauts and the sharp-s to the short forms defined by , e.g., instead, if the text is typeset in German.  
URL: <https://ctan.org/pkg/ginpenc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginpenc>
- *The hfbright package. The hfbright fonts*. 2019-03-12. LICENSE: lppl. These are Adobe Type 1 versions of the OT1-encoded and maths parts of the fonts.  
URL: <https://ctan.org/pkg/hfbright>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/hfbright>
- *The hfoldsty package. Old style numerals with EC fonts*. 2019-03-12. Version 1.15. LICENSE: gpl. The hfoldsty package provides virtual fonts for using oldstyle (0123456789) figures with the European Computer Modern fonts. It does a similar job as the package by Sebastian Kirsch but includes a couple of improvements, i.e., better kerning with guillemets, and support for character protruding using the package.  
URL: <https://ctan.org/pkg/hfoldsty>  
MIRROR: <https://mirror.ctan.org/fonts/hfoldsty>
- *The hhtensor package. Print vectors, matrices, and tensors*. 2019-03-12. Version 0.61. LICENSE: lppl  
URL: <https://ctan.org/pkg/hhtensor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hhtensor>
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URL: <https://ctan.org/pkg/isodate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodate>
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URL: <https://ctan.org/pkg/kerntest>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kerntest>
- *The latexfileversion package. Prints the version and date of a L<sup>A</sup>T<sub>E</sub>X class or style file*. 2019-03-12. Version 0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/latexfileversion>  
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 URL: <https://ctan.org/pkg/leftidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftidx>
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 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>
  - *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>
  - *The warning package. Global warnings at the end of the logfile*. 2019-03-12. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/warning>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warning>
- Harders, Harald and Morten Høgholm. *The contour package. Print a coloured contour around text*. 2019-03-12. Version 2.14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/contour>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/contour>
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 URL: <https://ctan.org/pkg/miller>  
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 URL: <https://ctan.org/pkg/babelbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/babelbib>
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 URL: <https://ctan.org/pkg/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/cmcyralt-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmcyralt>
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 URL: <https://ctan.org/pkg/setspace>  
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- 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>
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 URL: <https://ctan.org/pkg/nestquot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
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- 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.  
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 MIRROR: <https://mirror.ctan.org/fonts/chess/bdfchess>
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 URL: <https://ctan.org/pkg/glossaries-nynorsk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/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/obas>
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 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
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 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeXt>
  - *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>  
 MIRROR: [https://mirror.ctan.org/support/style\\_showcase](https://mirror.ctan.org/support/style_showcase)
  - *The undergradmath package. L<sup>A</sup>T<sub>E</sub>X Math for Undergraduates cheat sheet*. 2021-01-03. LICENSE: cc-by-sa-4  
 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>
- *The latex-doc-ptr package. A direction-finder for L<sup>A</sup>T<sub>E</sub>X resources available online*. 2021-01-02. LICENSE: pd  
 URL: <https://ctan.org/pkg/latex-doc-ptr>  
 MIRROR: <https://mirror.ctan.org/info/latex-doc-ptr>
- Heibl, Christoph. *The bracketkey package. Produce bracketed identification keys*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an environment for use when producing lists of species.  
 URL: <https://ctan.org/pkg/bracketkey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>
- Heidemann, John. *The lookbibtex package. Tools for examining BibTeX files*. 2016-06-24. Version 1.22. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lookbibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/lookbibtex>
- Heim, Thomas. *The dice package. A font for die faces*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dice>  
 MIRROR: <https://mirror.ctan.org/fonts/dice>
- *The epsdice package. A scalable dice "font"*. 2016-06-24. Version 2.1. LICENSE: lppl. The epsdice package defines a single command that takes a numeric argument (in the range 1-6), and selects a face image from a file that contains each of the 6 possible die faces. The graphic file is provided in both Encapsulated PostScript and PDF formats.  
 URL: <https://ctan.org/pkg/epsdice>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epsdice>
- Hein, Jeffrey. *The tikz-3dplot package. Coordinate transformation styles for 3d plotting in TikZ*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikz-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-3dplot>
- Heinecke, Johannes. *The aramaic-serto package. Fonts and L<sup>A</sup>T<sub>E</sub>X for Syriac written in Serto*. 2017-04-18. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/aramaic-serto>  
 MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
- *The mxedruli package. A pair of fonts for different Georgian alphabets*. 2017-04-18. Version 3.3c. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mxedruli>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/mxedruli>
- Heins, Oliver. *The biblatex-luh-ipw package. BibL<sup>A</sup>T<sub>E</sub>X styles for social sciences*. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-luh-ipw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-luh-ipw>
- Heinz, Carsten. *The permute package. Support for symmetric groups*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/permute>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/permute>
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 URL: <https://ctan.org/pkg/polynom>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynom>
- Heinze, David. *The ksp-thesis package. A L<sup>A</sup>T<sub>E</sub>X class for theses published with KIT Scientific Publishing*. 2017-04-18. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ksp-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ksp-thesis>
- Heitkoetter, Joerg. *The fancychapters package. Chapters with quotations*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fancychapters>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/fancychapters.sty>
- Hejda, Tomas. *The chkfloat package. Warn whenever a float is placed "too far away"*. 2021-08-26. Version 0.1. LICENSE: lppl1.3. The package checks for floats that are placed too far from their origin. It was motivated by a question on the page.  
 URL: <https://ctan.org/pkg/chkfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chkfloat>

- Hejda, Tomas. *The eqnalign package. Make eqnarray behave like align*. 2017-02-22. Version 1.0a. LICENSE: lppl1.3. The package makes environment behave like from . It is intended for quick-fixing documents that use . In cases where it fails, manual conversion to is required, but these cases should be seldom.  
 URL: <https://ctan.org/pkg/eqnalign>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
- Helbig, Wolfgang. *The tex-ewd package. Macros to typeset calculational proofs and programs in Dijkstra's style*. 2016-06-24. LICENSE: bsd. Edsger W. Dijkstra and others suggest a and to construct programs. This package provides macros that support calculational proofs and Dijkstra's "guarded command language".  
 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>
  - *The TeX-GPC package. A collection of change files for a T<sub>E</sub>X system based on GNU Pascal*. 2019-02-22. Version 3rd edition. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tex-gpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-gpc>
- Hellgren, Timo. *The fihyph package. Hyphenation patterns for Finnish language*. 2019-06-21. LICENSE: pd  
 URL: <https://ctan.org/pkg/fihyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/fihyph>
- *The lshort-finnish package. Finnish introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. This is the Finnish translation of , with added coverage of Finnish typesetting rules.  
 URL: <https://ctan.org/pkg/lshort-finnish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/finnish>
- Hellingman, Jeroen. *The malayalam-obsolete package. Fonts for typesetting Malayalam, with a pre-processor*. 2016-06-18. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/malayalam-obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete/language/malayalam>
- 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  
 URL: <https://ctan.org/pkg/oriya>  
 MIRROR: <https://mirror.ctan.org/language/oriya>
- Hellström, Lars. *The relenc package. A "relaxed" font encoding*. 2016-06-24. LICENSE: lppl1  
 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  
 URL: <https://ctan.org/pkg/fontinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst>
- Helvensteijn, Michiel. *The concepts package. Keeping track of formal 'concepts' for a particular field*. 2021-03-01. Version 0.0.5-r1. LICENSE: lppl



- URL: <https://ctan.org/pkg/concepts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concepts>
- Helvensteijn, Michiel. *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  
URL: <https://ctan.org/pkg/pkgloader>  
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>
  - *The withargs package. In-place argument substitution*. 2021-03-01. Version 0.3.1. LICENSE: lppl1.3. The command provides a clean way to populate a template (containing , , etc.) using L<sup>A</sup>T<sub>E</sub>X argument substitution. It also allows you to carefully control argument expansion using a L<sup>A</sup>T<sub>E</sub>X3-style argument specification. Uses range from creating readable string templates (akin to C’s function) to performing otherwise complex token-list manipulation.  
URL: <https://ctan.org/pkg/withargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/withargs>
- Helvensteijn, Michiel and Falk Hanisch. *The noindentafter package. Prevent paragraph indentation after environments or macros*. 2021-05-14. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/noindentafter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>
- Henderson, Doug and Don Hosek. *The cmoutlines package. Outline versions of the Computer Modern fonts*. 2016-06-24. LICENSE: noinfo. Metafont code which uses the original definitions of the CM fonts to produce an outline set. L<sup>A</sup>T<sub>E</sub>X support is available from the package.  
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>  
MIRROR: <https://mirror.ctan.org/fonts/dingbat>
- Henderson, Troy L. *The MPStoEPS package. A convertor from MetaPost output to Encapsulated PostScript*. 2016-06-24. LICENSE: lppl  
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>
  - *The spot package. Spotlight highlighting for Beamer*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/spot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/spot>
- Hendrickson, Anders O. F. and Matthieu Guerquin-Kern. *The moodle package. Generating Moodle quizzes via L<sup>A</sup>T<sub>E</sub>X*. 2021-02-07. Version 0.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/moodle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moodle>
- 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>

- Henel, Yvon. *The clefval package. Key/value support with a hash*. 2020-07-29. Version 0.1. LICENSE: lppl1.3c. This package provides only two macros viz. and to define then use pairs of key/value and gives a semblance of a hash. Syntax: to define the value associated to the key, does not produce text; to return the value linked to the key. Both arguments of are ‘moving’ as L<sup>A</sup>T<sub>E</sub>X defines the term and we have sometimes to protect them.  
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’ with which the same 5 is given as ‘u’.  
URL: <https://ctan.org/pkg/modroman>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
  - *The nonumonpart package. Prevent page numbers on part pages*. 2016-06-24. Version 1. LICENSE: lppl1.2  
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>
  - *The yagusylo package. A symbol loader*. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/yagusylo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yagusylo>
- Henel, Yvon and Josselin Noirel. *The drac package. Declare active character substitution, robustly*. 2018-01-06. Version 1. LICENSE: lppl  
URL: <https://ctan.org/pkg/drac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drac>
- Henkel, Hartmut and The T<sub>E</sub>X Live Team. *The tpic2pdftex package. Use tpic commands in pdfTeX*. 2017-06-27. LICENSE: gpl. The AWK script converts pic language, embedded inline (delimited by and markers), to commands.  
URL: <https://ctan.org/pkg/tpic2pdftex>  
MIRROR: <https://mirror.ctan.org/graphics/tpic2pdftex>
- Henlich, Thomas. *The makeglos package. Include a glossary into a document*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/makeglos>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makeglos>
- Henlich, Thomas, Martin Vogel, and Mojca Miklavc. *The marvosym package. Martin Vogel’s Symbols (marvosym) font*. 2017-04-18. Version 2.2a. LICENSE: ofl  
URL: <https://ctan.org/pkg/marvosym>  
MIRROR: <https://mirror.ctan.org/fonts/marvosym>

- Hennig, Matthias. *The jneurosci package. BibTeX style for the Journal of Neuroscience*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jneurosci>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jneurosci>
- *The jphysiol package. BibTeX style for the Journal of Physiology*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jphysiol>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jphysiol>
- Hennig, Stephan. *The bpolynomial package. Drawing polynomial functions of up to order 3*. 2016-06-24. Version 0.5. LICENSE: lppl  
 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>
  - *The spelling package. Support for spell-checking of LuaTeX documents*. 2016-06-24. Version 0.41. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/spelling>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/spelling>
  - *The textpath package. Setting text along a path with MetaPost*. 2016-06-24. Version 1.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/textpath>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
- Hennig, Stephan and Roland Hieber. *The vc package. The vc (version control) bundle*. 2018-06-11. Version 0.6. LICENSE: pd  
 URL: <https://ctan.org/pkg/vc>  
 MIRROR: <https://mirror.ctan.org/support/vc>
- Hennings, Wilfried, Fernando Dorner, and Andreas Granzer. *The latex2rtf package. Convert L<sup>A</sup>T<sub>E</sub>X into Rich Text Format*. 2017-04-18. Version 2.3.8. LICENSE: lppl. Translates L<sup>A</sup>T<sub>E</sub>X text into RTF (Rich Text Format as used by Microsoft Word and the like). Graphics and tables are converted as are cross references and the bibliography; many packages are supported (in whole or as implementation of a subset of their commands) — for example, the whole of is implemented.  
 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 (ERA), 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>
- Herpers, 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/inlinedef>  
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 URL: <https://ctan.org/pkg/mathinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathinst>
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 URL: <https://ctan.org/pkg/odsfile>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
  - *The tex4ebook package. Converter from L<sup>A</sup>T<sub>E</sub>X to ebook formats*. 2022-02-18. Version 0.3h. LICENSE: lppl1.3. This is a bundle of Lua scripts and L<sup>A</sup>T<sub>E</sub>X packages for conversion of L<sup>A</sup>T<sub>E</sub>X files to ebook formats such as epub, mobi and epub3. is used as the conversion engine.  
 URL: <https://ctan.org/pkg/tex4ebook>  
 MIRROR: <https://mirror.ctan.org/support/tex4ebook>
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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>\**. 2022-12-17. LICENSE: lppl1.3c  
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side effect it is also possible to add material on both sides of the equations thus providing (and surpassing) the functionality of the package. Users of will probably want to have a look at it as well, since the problem with end-of-theorem marks in and other environments can be circumvented using .

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

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

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

Holfert, Jan. *The trsym package. Symbols for transformations*. 2016-06-24. Version 1.0. LICENSE: lppl1.2

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

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

Holkar, Rohit Dilip. *The latex-mr package. A practical guide to L<sup>A</sup>T<sub>E</sub>X and Polyglossia for Marathi and other Indian languages*. 2020-06-07. Version 1.0. LICENSE: lppl1.3. The package provides a short guide to L<sup>A</sup>T<sub>E</sub>X and specifically to the package. This document aims to introduce L<sup>A</sup>T<sub>E</sub>X and polyglossia for Indian languages. Though the document often discusses the language Marathi, the discussion applies to other India languages also, with some minute changes which are described in Section 1.2. We assume that the user of this document knows basic (La)TeX or has, at least, tried her hand on it. This document is not very suitable for first time users.

URL: <https://ctan.org/pkg/latex-mr>

MIRROR: <https://mirror.ctan.org/info/latex-mr>

Holmes, Rich. *The anti package. Typeset an anti-particle in maths mode*. 2020-04-11. LICENSE: noinfo

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

MIRROR: <https://mirror.ctan.org/macros/generic/misc/anti.tex>

Holt, Alexander and Jean-François Lamy. *The a4wide package. "Wide" a4 layout*. 2016-06-24. LICENSE: lppl1

URL: <https://ctan.org/pkg/a4wide>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/a4wide>

Holzmann, Frédéric. *The symbolindex package. Generate a list of symbols with different subgroups*. 2016-06-24. LICENSE: gpl

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

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

Höns, Robin. *The nlatexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and .Net (or Mono)*. 2016-06-24. Version 0.03. LICENSE: gpl

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

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

— *The ratexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and Ruby*. 2016-06-24. Version 0.13. LICENSE: gpl

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

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

Horn, Berthold K. P. *The msym package. A partial implementation of the old msym10 font*. 2016-06-24. LICENSE: noinfo

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

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

Horn, Berthold K. P. and David Carlisle. *The psnfssx-em package. Support for the em family of fonts*. 2016-06-24. LICENSE: noinfo. The fonts were a commercial product of Y&Y, Inc, providing a set in Adobe Type 1 format that extended the Computer Modern set with accented glyphs suitable for arranging in L<sup>A</sup>T<sub>E</sub>X T1 encoding. This bundle provides a standard set of interfaces for using the fonts.

URL: <https://ctan.org/pkg/psnfssx-em>

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

Horn, Berthold K. P. and Khaled Hosny. *The bbold-type1 package. An Adobe Type 1 format version of the bbold font*. 2016-06-24. LICENSE: other-free

URL: <https://ctan.org/pkg/bbold-type1>

MIRROR: <https://mirror.ctan.org/fonts/bbold-type1>

Horne, Roger. *The ltextex package. Typesetting legal documents using plain T<sub>E</sub>X*. 2016-06-24. Version 1.005. LICENSE: noinfo. LeXTeX is a collection of macros intended to enable English lawyers, and in particular Barristers, to format their work using Plain T<sub>E</sub>X. The

- bundle incorporates the ruled table macros from .  
 URL: <https://ctan.org/pkg/lextex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/lextex>
- Horvath, Kent. *The lewis package. Draw Lewis structures*. 2016-06-24. Version 0.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/lewis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lewis>
- Hosek, Don. *The apeqnum package. Number equations by appendix*. 2016-06-24. LICENSE: noinfo. A package (originally written for L<sup>A</sup>T<sub>E</sub>X 2.09, but will work in L<sup>A</sup>T<sub>E</sub>X 2e) to cause equation numbers in class (style), as A1, A2, A3, ..., B1, etc.  
 URL: <https://ctan.org/pkg/apeqnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/apeqnum.sty>
- *The cmpica package. A Computer Modern Pica variant*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/cmpica>  
 MIRROR: <https://mirror.ctan.org/fonts/cmpica>
- *The epigram package. Display short quotations*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/epigram>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/epigram.tex>
- *The landscape package. Set up for typesetting in landscape*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/landscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/landscape.sty>
- *The mflologo209 package. Typeset the Metafont logo under L<sup>A</sup>T<sub>E</sub>X 2.09*. 2016-06-24. LICENSE: noinfo. This package uses the L<sup>A</sup>T<sub>E</sub>X 2.09 font selection system; current L<sup>A</sup>T<sub>E</sub>X users need the package.  
 URL: <https://ctan.org/pkg/mflogo209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/mf.sty>
- *The resumemac package. Plain T<sub>E</sub>X macros for resumé*s. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/resumemac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/resumemac>
- *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>  
 MIRROR: <https://mirror.ctan.org/info/digests/tex-mag>
- *The varisize package. Change font size in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. A series of files, each of which defines a size-change macro. Note that is by convention called by one of the other files, so that there's always a "way back".  
 URL: <https://ctan.org/pkg/varisize>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/varisize>
- Hosek, Don, Leo Broska, and Don Hosek. *The breakcites package. Ensure that multiple citations may break at line end*. 2016-06-24. LICENSE: other-free. Makes a very minor change to the operation of the command. Note that the change is necessary in unmodified L<sup>A</sup>T<sub>E</sub>X; however, there remain packages that restore the undesirable behaviour of the command as provided in L<sup>A</sup>T<sub>E</sub>X 2.09. (Note that neither nor make this mistake.)  
 URL: <https://ctan.org/pkg/breakcites>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakcites>
- Hosek, Don and Hans-Martin Münch. *The morefloats package. Increase the number of simultaneous L<sup>A</sup>T<sub>E</sub>X floats*. 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/morefloats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
- Hosny, Khaled. *The amiri package. A classical Arabic typeface, Naskh style*. 2022-12-04. Version 1.000. LICENSE: ofl  
 URL: <https://ctan.org/pkg/amiri>  
 MIRROR: <https://mirror.ctan.org/fonts/amiri>
- *The xits package. A Scientific Times-like font with support for mathematical typesetting*. 2020-07-02. Version 1.302. LICENSE: ofl  
 URL: <https://ctan.org/pkg/xits>  
 MIRROR: <https://mirror.ctan.org/fonts/xits>
- Hosny, Khaled and Donald E. Knuth. *The punknova package. OpenType version of Knuth's Punk font*. 2016-06-24. Version 1.003. LICENSE: other-free  
 URL: <https://ctan.org/pkg/punknova>  
 MIRROR: <https://mirror.ctan.org/fonts/punknova>
- Hosny, Khaled and Caleb Maclennan. *The libertinus-fonts package. The Libertinus font family*. 2021-02-26. Version 7.040. LICENSE: ofl



- URL: <https://ctan.org/pkg/libertinus-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/libertinus-fonts>
- Hosoda, Masamichi. *The extractpdfmark package. Extract page mode and named destinations as PDFmark from PDF.* 2022-10-02. Version 1.1.1. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/extractpdfmark>  
MIRROR: <https://mirror.ctan.org/support/extractpdfmark>
- *The haranoaji package. Harano Aji Fonts.* 2022-02-20. Version 20220220. LICENSE: ofl  
URL: <https://ctan.org/pkg/haranoaji>  
MIRROR: <https://mirror.ctan.org/fonts/haranoaji>
  - *The haranoaji-extra package. Harano Aji Fonts.* 2022-02-20. Version 20220220. LICENSE: ofl  
URL: <https://ctan.org/pkg/haranoaji-extra>  
MIRROR: <https://mirror.ctan.org/fonts/haranoaji-extra>
- Hossain, M. Zahid. *The noconflict package. Resolve macro name conflict between packages.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/noconflict>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noconflict>
- Hossain, Nahid. *The bangla package. A comprehensive Bangla L<sup>A</sup>T<sub>E</sub>X package.* 2021-08-04. Version 2.0. LICENSE: lppl1.3c,ofl  
URL: <https://ctan.org/pkg/bangla>  
MIRROR: <https://mirror.ctan.org/language/bengali/bangla>
- Höst, Stefan. *The polynomial package. Typeset (univariate) polynomials.* 2016-06-24. Version 1.0. LICENSE: lppl. The package offers an easy way to write (univariate) polynomials and rational functions. It defines two commands, one for polynomials and one for rational functions. Both commands take lists of coefficients as arguments, and offer limited optional behaviour.  
URL: <https://ctan.org/pkg/polynomial>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynomial>
- Hotta, Kohsaku. *The mathabx-type1 package. Outline version of the mathabx fonts.* 2016-06-24. LICENSE: lppl. This is an Adobe Type 1 outline version of the fonts.  
URL: <https://ctan.org/pkg/mathabx-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/mathabx>
- Housley, Brian. *The hletter package. Flexible letter typesetting with flexible page headings.* 2016-06-24. Version 4.2. LICENSE: lppl1.2. The package permits the user to specify easily, with the aid of self defined key-words, letters (with a logo and private) and headings. The heading may include a footer and the letter provides commands to include a scanned signature and two signees. The package works with the package.  
URL: <https://ctan.org/pkg/hletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hletter>
- Howard, Gary A. *The tlc-article package. A L<sup>A</sup>T<sub>E</sub>X document class for formal documents.* 2019-06-23. Version 1.0.17. LICENSE: bsd3  
URL: <https://ctan.org/pkg/tlc-article>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tlc-article>
- Howell, Dave. *The musical package. Typeset (musical) theatre scripts.* 2020-04-16. Version 3.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/musical>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musical>
- Hu, Xuan. *The resumec1s package. Typeset a resume both in English and Chinese.* 2020-04-20. Version 0.4.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/resumec1s>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/resumec1s>
- Hu, Zou. *The beamertheme-epyt package. A simple and clean theme for L<sup>A</sup>T<sub>E</sub>X beamer class.* 2017-04-18. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/beamertheme-epyt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-epyt>
- *The coloring package. Define missing colors by their names.* 2017-04-18. Version 0.2. LICENSE: lppl1.3. This package makes it possible to define colors automatically by their names. This can be useful in drawing TikZ pictures and designing beamer themes. Using the package, you don't need to write before using a color.  
URL: <https://ctan.org/pkg/coloring>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloring>
  - *The interchar package. Managing character class schemes in XeTeX.* 2017-04-18. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/interchar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/interchar>
- Huang, Alpha. *The latex-notes-zh-cn package. Chinese Introduction to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2021-12-29. Version 1.20. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-notes-zh-cn>  
MIRROR: <https://mirror.ctan.org/info/latex-notes-zh-cn>

- Huang, Chua Eng. *The block package*. A block letter style for the letter class. 2016-06-24. LICENSE: pd. A style file for use with the letter class that overwrites the and macros so that letters can be styled with the block letter style instead of the default style. Thus, the return address, the closing, and the signature appear flushed on the left margin.  
URL: <https://ctan.org/pkg/block>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/block>
- Huang, Liam. *The sduthesis package*. Thesis Template of Shandong University. 2017-04-18. Version 1.2.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/sduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sduthesis>
- *The xprintlen package*. Print  $\TeX$  lengths in a variety of units. 2017-04-18. Version 1.0. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/xprintlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xprintlen>
- Huang, Liam, Unknown, and Zhaoli Wang. *The mcmthesis package*. Template designed for MCM/ICM. 2021-01-05. Version 6.3.1. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/mcmthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcmthesis>
- Huang, Pin-Yen. *The Beamertheme-SimpleDarkBlue package*. Template for a simple presentation. 2021-07-28. LICENSE: pd  
URL: <https://ctan.org/pkg/beamertheme-simpledarkblue>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simpledarkblue>
- *The beamertheme-SimplePlus package*. A simple and clean theme for  $\LaTeX$  beamer. 2022-11-02. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/beamertheme-simpleplus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simpleplus>
- Hughes, Chelsea. *The parnotes package*. Notes after every paragraph (or elsewhere). 2019-07-23. Version 3b. LICENSE: lpl1.3. The package provides the command. The notes are set as (normal) running paragraphs; placement is at the end of each paragraph, or manually, using the command.  
URL: <https://ctan.org/pkg/parnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parnotes>
- Hughes, Chris. *The latexindent package*. Indent a  $\LaTeX$  document, highlighting the programming structure. 2022-12-05. Version 3.19.1. LICENSE: gpl3  
URL: <https://ctan.org/pkg/latexindent>  
MIRROR: <https://mirror.ctan.org/support/latexindent>
- Hülse, Rainer and Wolfgang Kaspar. *The expdlist package*. Expanded description environments. 2016-06-24. Version 2.4. LICENSE: lpl1  
URL: <https://ctan.org/pkg/expdlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/expdlist>
- Hunt, Neil. *The pstex package*. Processor for including figures in  $\LaTeX$ . 2016-06-24. Version 1.8. LICENSE: nosell. The bundle provides a package whose macros write details of required figures to the file; a separate processor then calculates precise details of the graphic inclusion.  
URL: <https://ctan.org/pkg/pstex>  
MIRROR: <https://mirror.ctan.org/graphics/pstex>
- Hupfer, Christian. *The assocnt package*. Associate counters, making them step when a master steps. 2016-06-24. Version 0.8. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/assocnt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/assocnt>
- *The cntperchap package*. Store counter values per chapter. 2016-06-24. Version 0.3. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/cntperchap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntperchap>
  - *The crossreftools package*. Expandable extraction of `cleveref` data. 2020-07-19. Version 1.0. LICENSE: lpl1.3. This package extracts information from cross-referencing labels, especially those from , in an expandable manner.  
URL: <https://ctan.org/pkg/crossreftools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crossreftools>
  - *The jumplines package*. Articles with teasers and continuation later on. 2016-06-24. Version 0.2. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/jumplines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jumplines>
  - *The xassocnt package*. Associated counters stepping simultaneously. 2021-11-21. Version 2.0. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/xassocnt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xassocnt>

- Hupfer, Christian. *The xcntperchap package. Track the number of subsections etc. that occur in a specified tracklevel.* 2020-01-16. Version 0.5. LICENSE: lppl1.3. This package is the successor of and allows to provide more tracklevels than just only one.  
 URL: <https://ctan.org/pkg/xcntperchap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcntperchap>
- Hurt, James. *The javaDVI package. DVI viewer and printer coded in Java.* 2016-06-24. LICENSE: lppl. javaDVI is a DVI viewer and printer coded in Java, and running under the Java RTE 1.3 using the . The fonts are included as a file, a format suitable for use with javaDVI.  
 URL: <https://ctan.org/pkg/javadvi>  
 MIRROR: <https://mirror.ctan.org/dviware/javadvi>
- Hutchinson, Ian. *The figflow package. Flow text around a figure.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/figflow>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/figflow>
- *The tth package. A  $\TeX$  to HTML translator.* 2017-04-18. Version 3.85. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tth>  
 MIRROR: <https://mirror.ctan.org/support/tth/dist>
- Hutchinson, Norm. *The dvisun package. DVI viewer for Sun2 systems.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dvisun>  
 MIRROR: <https://mirror.ctan.org/dviware/dvisun>
- Huynh, Ky-Anh. *The amslatexdoc-vietnamese package. Vietnamese translation of AMS $\LaTeX$  documentation.* 2020-03-19. Version 2.0. LICENSE: lppl1.3. This is a Vietnamese translation of , the users' guide to .  
 URL: <https://ctan.org/pkg/amslatexdoc-vietnamese>  
 MIRROR: <https://mirror.ctan.org/info/amslatex/vietnamese>
- *The CTAN tools package. A jiffy to search CTAN file list.* 2020-03-19. Version 1.5.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ctantools>  
 MIRROR: <https://mirror.ctan.org/support/ctantools>
- *The extarrows package. Extra Arrows beyond those provided in amsmath.* 2020-03-19. Version 1.2.0. LICENSE: lgpl. Arrows are provided to supplement and of the amsath package: , , , , , and .  
 URL: <https://ctan.org/pkg/extarrows>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extarrows>
- *The ktv-texdata package. Extract subsets of documents.* 2020-03-19. Version 05.34. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ktv-texdata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ktv-texdata>
- *The nththeorem-vn package. Vietnamese translation of documentation of nththeorem.* 2020-03-19. Version 1.203. LICENSE: lppl. This is a translation of the documentation provided with .  
 URL: <https://ctan.org/pkg/nththeorem-vn>  
 MIRROR: <https://mirror.ctan.org/info/translations/nththeorem/vn>
- *The pydocstrip package. Scripted version of  $\LaTeX$  docstrip.* 2020-03-19. LICENSE: gpl. Pydocstrip is a Python script that provides several facilities not available via the  $\LaTeX$  standard .  
 URL: <https://ctan.org/pkg/pydocstrip>  
 MIRROR: <https://mirror.ctan.org/support/pydocstrip>
- Hwang, Andrew D. *The ePiX package. Utility for mathematically accurate, camera quality plots and line figures.* 2020-06-12. LICENSE: gpl  
 URL: <https://ctan.org/pkg/epix>
- Ibarra, Edorta. *The basque-book package. Class for book-type documents written in Basque.* 2016-06-24. Version 1.20. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/basque-book>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basque-book>
- *The basque-date package. Print the date in Basque.* 2016-06-24. Version 1.05. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/basque-date>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basque-date>
- *The ekaia package. Article format for publishing the Basque Country Science and Technology Journal "Ekaia".* 2019-01-06. Version 1.06. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/ekaia>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ekaia>

- IBM Corporation. *The Courier package*. Adobe Type 1 “free” copies of Courier. 2020-06-06. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/courier>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/psfonts/ibm/courier>
- *The techexplorer package*. Browser plugin for viewing  $\TeX$  and  $\LaTeX$  sources. 2020-03-20. Version 2.0. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/techexplorer>
- Ibrahim, Mustafa. *The tiscreeen package*. Mimic the screen of older Texas Instruments calculators. 2022-03-10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tiscreeen>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tiscreeen>
- III, Charles Staats. *The asypictureB package*. User-friendly integration of Asymptote into  $\LaTeX$ . 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/asypictureB>  
 MIRROR: <https://mirror.ctan.org/graphics/asypictureB>
- Iliev, Iliev. *The textool package*. A SunOS DVI viewer. 2016-06-24. LICENSE: noinfo. Display a DVI file in a SunView window; works with both PXL and PK fonts. (The program is a development of .)  
 URL: <https://ctan.org/pkg/textool>  
 MIRROR: <https://mirror.ctan.org/dviware/textool>
- Indiveri, Giacomo. *The h2020proposal package*.  $\LaTeX$  class and template for EU H2020 RIA proposal. 2018-01-06. Version 1.0. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/h2020proposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/h2020proposal>
- Information-technology Promotion Agency, Japan, Hironori Kitagawa, and Norbert Preining. *The ipaex package*. IPA (Japanese) fonts. 2021-05-26. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ipaex>  
 MIRROR: <https://mirror.ctan.org/fonts/ipaex>
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 A DVI to plain text translator capable of generating ASCII, Latin-1, Latin-9 and UTF-8 (Unicode) output, and recognising T1 and other L  T  X encodings (as well as Knuth’s original encodings and those of AMS and other fonts). Catdvi aims to become a superior replacement for the utility; the present version outperforms dvi2tty in some areas and is inferior to it in other areas.  
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URL: <https://ctan.org/pkg/bidi-atbegshi>

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— *The bidicontour package. Bidi-aware coloured contour around text*. 2019-09-08. Version 0.2. LICENSE: lppl1.3. The package is a re-implementation of the package, making it bidi-aware, and adding support of the (when the option of the package is used).

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

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— *The bidihl package. Experimental bidi-aware text highlighting*. 2019-09-08. Version 0.1c. LICENSE: lppl1.3

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— *The bidipagegrid package. Bidi-aware page grid in background*. 2019-09-08. Version 0.2. LICENSE: lppl1.3. The package is based on .

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

MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidipagegrid>

— *The bidipresentation package. Experimental bidi presentation*. 2019-09-08. Version 0.3. LICENSE: lppl1.3. A great portion of the code is borrowed from the bundle, with modifications to get things working properly in both right to left and left to right modes.

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

MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidipresentation>

— *The bidishadowtext package. Bidi-aware shadow text*. 2019-09-08. Version 0.1. LICENSE: lppl1.3. This package allows you to typeset bidi-aware shadow text. It is a re-implementation of the package adding bidi support.

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

MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidishadowtext>

— *The crbox package. Boxes with crossed corners*. 2019-09-08. Version 0.1. LICENSE: lppl. The package implements a command which produces boxes with crossing lines at the corners.

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

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

— *The fahyph package. Hyphenation patterns for Persian (in Unicode)*. 2019-09-08. Version 0.002. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/language/hyphenation/fahyph>

— *The FriBidiXeTeX package. A pre-processor for XeTeX files to support unicode bidirectional algorithm*. 2020-02-20. Version 0.0.2. LICENSE: gpl2

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

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

Khalighi, Vafa and bidi-tex GitHub Organisation. *The ftnxtra package. Extend the applicability of the \footnote command*. 2019-09-08. Version 0.1. LICENSE: lppl. The package treats footnotes in , the environment, and and other -like commands.

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

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

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ghab>
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URL: <https://ctan.org/pkg/unicode-bidi>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unicode-bidi>
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  - *The xecolour package*. Support for colour in  $\text{XeTeX}$ . 2019-09-08. Version 0.1. LICENSE: lppl. This package is a predecessor of the newer package; but it was decided that it should remain available for the benefit of users wishing to run their old  $\TeX$  files using .  
URL: <https://ctan.org/pkg/xecolour>  
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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xepersian>
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 MIRROR: <https://mirror.ctan.org/systems/mac/cmactex>

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- Kilfiger, James. *The flashcard package*. Typeset flash cards. 2016-06-24. LICENSE: pd  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/play>
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/raggedr.sty>
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 URL: <https://ctan.org/pkg/dvips-os2>  
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/canossa>
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- *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>
- Kohm, Markus. *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/gsl>

- *The scraddr package*. Provide data from scr1ttr2'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>

- *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>

- Kohm, Markus. *The scrletter package*. Letter extension to KOMA-Script classes. 2022-10-12. Version 3.38. LICENSE: lppl1.3c

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scr1file package*. Installation control for koma-script packages. 2022-10-12. Version 3.38. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scr1file>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- *The scr1ttr2 package*. Koma-Script 'letter' class. 2022-10-12. Version 3.38. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/scr1ttr2>

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 scrttime 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/scrttime>  
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>
  - *The splitindex package. Unlimited number of indexes.* 2020-03-09. Version 1.2c. LICENSE: lppl. SplitIndex consists of a L<sup>A</sup>T<sub>E</sub>X package, , and a small program, . The package may be used to produce one index or several indexes. Without splitindex (for example, using the package), the number of indexes is limited by the number of T<sub>E</sub>X’s output streams. But using the program you may use even more than 16 indexes: splitidx outputs only a single file and the program splits that file into several raw index files and calls your favorite index processor for each of the files.  
URL: <https://ctan.org/pkg/splitindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/splitindex>
  - *The tocbasic package. Management of tables/lists of contents (and the like).* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tocbasic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The tocstyle package. Define style of Table of contents (etc) files.* 2020-07-22. Version 0.2k-alpha. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tocstyle>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The uni-titlepage package. Universal titlepages with configuration options and predefined styles.* 2022-09-06. Version 1.1a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/uni-titlepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uni-titlepage>
- Kohm, Markus and Frank Neukam. *The typearea package. Set page margins.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c. Typearea is a part of the bundle, and is well integrated with the requirements of classes in the bundle, but it is also convenient for use as a package in its own right.  
URL: <https://ctan.org/pkg/typearea>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- Kolachana, Aditya. *The shobhika package. An OpenType Devanāgarī font designed for scholars.* 2019-03-23. Version 1.05. LICENSE: ofl  
URL: <https://ctan.org/pkg/shobhika>  
MIRROR: <https://mirror.ctan.org/fonts/shobhika>
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URL: <https://ctan.org/pkg/gb4e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gb4e>
- Kole, Erik. *The econometrics package. Defines some commands that simplify mathematic notation in economic and econometric writing.* 2018-01-07. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/econometrics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/econometrics>
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URL: <https://ctan.org/pkg/go>  
MIRROR: <https://mirror.ctan.org/fonts/go>
- Kołodziejska, Hanna, Bogusław Jackowski, and Marek Ryćko. *The plhyph package. Hyphenation for Polish.* 2021-03-21. Version 3.0b. LICENSE: knuth  
URL: <https://ctan.org/pkg/plhyph>  
MIRROR: <https://mirror.ctan.org/language/polish/plhyph.tex>
- Kolorenc, Jindrich. *The simplewick package. Simple Wick contractions.* 2016-06-24. Version 1.2a. LICENSE: gpl  
URL: <https://ctan.org/pkg/simplewick>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simplewick>

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 URL: <https://ctan.org/pkg/tex-label>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tex-label>
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 URL: <https://ctan.org/pkg/numericplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/numericplots>
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 URL: <https://ctan.org/pkg/langsci-affiliations>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/langsci/langsci-affiliations.sty>
- *The langsci-avm package. Attribute-value matrices and feature structures for use in linguistics.* 2020-07-15. Version 0.2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/langsci-avm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/langsci-avm>
- Kopp, Oliver. *The biblatex-lni package. LNI style for BibLaTeX.* 2021-05-17. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-lni>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-lni>
- *The luabibentry package. Repeat BibTeX entries in a Lua<sup>A</sup>TeX document body.* 2020-06-28. Version 0.1a. LICENSE: lppl1.3. The package reimplements , for use in LuaLaTeX.  
 URL: <https://ctan.org/pkg/luabibentry>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luabibentry>
- *The plantuml package. Support for rendering UML diagrams using the syntax and tool of PlantUML.* 2020-05-19. Version 0.3.1. LICENSE: lppl1.3c. The package provides support for rendering UML diagrams using the syntax and tools of PlantUML. The PlantUML syntax is very short and thus enables quickly specifying UML diagrams. Using , PlantUML layouts the diagrams.  
 URL: <https://ctan.org/pkg/plantuml>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/plantuml>
- *The refenums package. Define named items and provide back-references with that name.* 2018-03-10. Version 1.1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refenums>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refenums>
- *The scientific-thesis-cover package. Provides cover page and affirmation at the end of a thesis.* 2018-06-03. Version 4.0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scientific-thesis-cover>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scientific-thesis-cover>
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 URL: <https://ctan.org/pkg/coverpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coverpage>
- Korikov, Konstantin. *The eskdx package. Modern Russian typesetting.* 2016-06-24. Version 0.98. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/eskdx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eskdx>
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 URL: <https://ctan.org/pkg/sanskrit-t1>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/sanskrit>
- Kort, Eric and Howard Trickey. *The ama package. AMA manual of style citations.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ama>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/ama.bst>
- Kosowsky, Conrad. *The innerscript package. Modifies automatic mathematics spacing.* 2021-02-11. Version 1.1. LICENSE: lppl1.3c. This package modifies two aspects of T<sub>E</sub>X’s automatic interatom mathematics spacing. It uses LuaT<sub>E</sub>X’s primitives to make superscripts and subscripts more closely resemble and math and to treat subformulas as , effectively eliminating this class.  
 URL: <https://ctan.org/pkg/innerScript>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/innerScript>
- *The mathfont package. Use TrueType and OpenType fonts in math mode.* 2022-12-05. Version 2.2a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mathfont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathfont>

- Kostin, Alexei. *The JustFontItTE package. JustFontIt T<sub>E</sub>X Edition*. 2016-06-24. Version 1.1. LICENSE: nosell  
 URL: <https://ctan.org/pkg/justfontitte>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/JustFontItTE>
- Kotelnikov, Igor A. *The babel-russian package. Russian language module for Babel*. 2021-01-10. Version 1.3m. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/babel-russian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/russian>
- Kotthoff, Lars. *The dottex package. Use dot code in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.6. LICENSE: gpl. The dottex package allows you to encapsulate ‘dot’ and ‘neato’ files in your document (dot and neato are both part of ; dot creates directed graphs, neato undirected graphs). If you have shell-escape enabled, the package will arrange for your files to be processed at L<sup>A</sup>T<sub>E</sub>X time; otherwise, the conversion must be done manually as an intermediate process before a second L<sup>A</sup>T<sub>E</sub>X run.  
 URL: <https://ctan.org/pkg/dottex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dottex>
- *The gnuplottex package. Embed Gnuplot commands in L<sup>A</sup>T<sub>E</sub>X documents*. 2020-04-06. Version 0.9.5. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/gnuplottex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gnuplottex>
- Kotucha, Reinhard. *The luaaddplot package. An extension to pgfplots’ \addplot macro*. 2022-03-30. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luaaddplot>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaaddplot>
- *The vntex-nonfree package. URW Classico and URW Garamond extended for Vietnamese*. 2022-03-12. Version 3.2.2. LICENSE: nosell. This package contains URW Classico and URW Garamond No.8 fonts extended for Vietnamese. It can be installed with .  
 URL: <https://ctan.org/pkg/vntex-nonfree>  
 MIRROR: <https://mirror.ctan.org/fonts/vntex-nonfree>
- *The win32-emacs-auctex package. Ready-to-use Emacs and AucTeX for Windows*. 2020-06-21. Version Emacs 24.5 and AUCTeX 11.89. LICENSE: other-free  
 URL: <https://ctan.org/pkg/win32-emacs-auctex>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/win32-emacs-auctex>
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 URL: <https://ctan.org/pkg/bibtools>  
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 URL: <https://ctan.org/pkg/pdftex-quiet>  
 MIRROR: <https://mirror.ctan.org/support/pdftex-quiet>
- Krajewski, Markus. *The Synapsen package. Reference management tool for BibTeX*. 2019-06-12. Version 3.0. LICENSE: shareware  
 URL: <https://ctan.org/pkg/synapsen>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/Synapsen>
- Krämer, Martin. *The cptex package. Use different code pages for T<sub>E</sub>X input*. 2016-06-24. Version 1.1. LICENSE: shareware  
 URL: <https://ctan.org/pkg/cptex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/cptex>
- Kraml, Willibald and James Kilfiger. *The vicentino package. Vicentino fonts*. 2016-06-24. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/vicentino>  
 MIRROR: <https://mirror.ctan.org/fonts/vicentino>
- Kramm, Sebastien. *The chordbars package. Print chord grids for pop/jazz tunes*. 2018-12-31. Version 1.1. LICENSE: lppl1.3. This -based music-related package is targeted at pop/jazz guitar/bass/piano musicians. They usually need only the chords and the song structure. This package produces rectangular song patterns with “one square per bar”, with the chord shown inside the square. It also handles the song structure by showing the bar count and the repetitions of the patterns.  
 URL: <https://ctan.org/pkg/chordbars>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/chordbars>
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 URL: <https://ctan.org/pkg/bmeps>

- *The bmp package. Convert bitmap files to PS/EPS/PDF.* 2020-10-11. LICENSE: `bsd`  
URL: <https://ctan.org/pkg/bmp>
  - *The dktools package. Tools and libraries by Dirk Krause.* 2020-10-11. LICENSE: `bsd3`  
URL: <https://ctan.org/pkg/dktools>
  - *The fig2lat package. Convert .fig files to vector graphics.* 2020-10-11. LICENSE: `bsd`  
URL: <https://ctan.org/pkg/fig2lat>
  - *The fig2vect package. Yet another Fig to vector converter.* 2020-10-11. LICENSE: `other-free`  
URL: <https://ctan.org/pkg/fig2vect>
  - *The pdf-forms-tutorial package. Tutorial on creating PDF forms using pdfLaTeX.* 2016-06-24. Version 0.9.5. LICENSE: `fdl`. This package contains a tutorial and examples showing how to create PDF forms using with the and packages.  
URL: <https://ctan.org/pkg/pdf-forms-tutorial>  
MIRROR: <https://mirror.ctan.org/info/pdf-forms-tutorial>
  - *The png2pdf package. PNG to PDF converter.* 2020-10-11. LICENSE: `bsd`  
URL: <https://ctan.org/pkg/png2pdf>
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URL: <https://ctan.org/pkg/pseudocode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pseudocode>
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URL: <https://ctan.org/pkg/ebib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/ebib>
- Kreutzer, Michiel. *The LEIletter package. A letter class for Leiden University.* 2020-10-07. Version 1.3. LICENSE: `lppl1.3c,cc-by-sa-3`  
URL: <https://ctan.org/pkg/leiletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leiletter>
- Krishnamurthy, Venkat and Michael DeCorte. *The res package. A resumé class.* 2018-01-06. LICENSE: `nosell`  
URL: <https://ctan.org/pkg/res>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resume/res.cls>
- Krommes, John A. *The fweb package. A literate programming tool working with L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.62. LICENSE: `gpl`. FWEB is based on an early version (0.5) of Silvio Levy's . The 'F' stands for Fortran (which motivated the initial development), but FWEB now supports multiple-language programming in C, C++, Fortran, Ratfor, and T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/fweb>  
MIRROR: <https://mirror.ctan.org/web/fweb>
- Kroonenberg, Siep. *The epspdf package. Converter for PostScript, EPS and PDF.* 2020-01-12. Version 0.6.5. LICENSE: `gpl2`. is a GUI ps/eps/pdf converter. , its command-line backend, can be used by itself. Options include grayscaling, cropping margins and single-page selection. Some conversion options are made possible by converting in multiple steps.  
URL: <https://ctan.org/pkg/epspdf>  
MIRROR: <https://mirror.ctan.org/support/epspdf>
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URL: <https://ctan.org/pkg/epspdf-extra>  
MIRROR: <https://mirror.ctan.org/obsolete/support/epspdf-extra>
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URL: <https://ctan.org/pkg/epspdf-setup>  
MIRROR: <https://mirror.ctan.org/support/epspdf-setup>- *The latexcourse-rug package. A L<sup>A</sup>T<sub>E</sub>X course book.* 2018-01-06. Version 1.1. LICENSE: `other-free`  
URL: <https://ctan.org/pkg/latexcourse-rug>  
MIRROR: <https://mirror.ctan.org/info/latexcourse-rug>
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URL: <https://ctan.org/pkg/fonts-churchslavonic>  
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URL: <https://ctan.org/pkg/disser>  
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- Krüger, Marcel. *The aligned-overset package. Fix alignment at \overset or \underset*. 2018-04-04. Version 0.1.0. LICENSE: lppl1.3c. This package allows the base character of or to be used as the alignment position for the aligned math environments.  
URL: <https://ctan.org/pkg/aligned-overset>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aligned-overset>
- *The fontawesome5 package. Font Awesome 5 with L<sup>A</sup>T<sub>E</sub>X support*. 2022-05-02. Version 5.15.4. LICENSE: ofl,lppl1.3c. This package provides L<sup>A</sup>T<sub>E</sub>X support for the included “Font Awesome 5 Free” icon set. These icons were designed by and released under the SIL OFL 1.1 license. The commercial “Pro” version is also supported, if it is installed and X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X is used.  
URL: <https://ctan.org/pkg/fontawesome5>  
MIRROR: <https://mirror.ctan.org/fonts/fontawesome5>
  - *The hyperbar package. Add interactive Barcode fields to PDF forms*. 2018-07-07. Version 0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hyperbar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperbar>
  - *The inputnormalization package. Wrapper for XeTeX’s and LuaTeX’s input normalization*. 2021-07-07. Version 0.2. LICENSE: lppl1.3. This package provides a cross engine interface to normalizing input before it’s read by T<sub>E</sub>X. It is based on XeTeX’s primitive and for LuaTeX.  
URL: <https://ctan.org/pkg/inputnormalization>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/generic/inputnormalization>
  - *The intopdf package. Embed non-PDF files into PDF with hyperlink*. 2022-07-26. Version 0.4.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/intopdf>  
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URL: <https://ctan.org/pkg/lua-uni-algos>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lua-uni-algos>
  - *The luamathalign package. More flexible alignment in amsmath environments*. 2022-05-04. Version 0.3. LICENSE: lppl1.3c. Allow aligning mathematical expressions on points where directly using is not possible, especially in nested macros or environments.  
URL: <https://ctan.org/pkg/luamathalign>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luamathalign>
  - *The luapstricks package. A PStricks backend for LuaLaTeX*. 2022-09-11. Version 0.6. LICENSE: lppl1.3. This package enables the use of directly in LuaL<sup>A</sup>T<sub>E</sub>X documents, without invoking external programmes, by implementing a PostScript interpreter in Lua. Therefore it does not require shell escape to be enabled or special environments, and instead allows PStricks to be used exactly like in based documents.  
URL: <https://ctan.org/pkg/luapstricks>  
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URL: <https://ctan.org/pkg/autotab>  
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URL: <https://ctan.org/pkg/antomega>  
MIRROR: <https://mirror.ctan.org/obsolete/systems/omega/contrib/antomega>
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URL: <https://ctan.org/pkg/cm-lgc>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-lgc>
  - *The grkfinst package. Install Greek Type 1 fonts*. 2016-06-24. Version 0.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/grkfinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/grkfinst>
  - *The ofntinst package. Install Type 1 for use with Omega*. 2016-06-24. Version 0.2.2. LICENSE: lppl. This is a plug-in for , which takes several Type 1 fonts and merges them into one large (Unicode) virtual font for use with Omega.  
URL: <https://ctan.org/pkg/ofntinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/ofntinst>
- Kryukov, Alexey and Christian Justen. *The psgreek package. L<sup>A</sup>T<sub>E</sub>X support for Greek Type 1 fonts*. 2016-06-24. Version 0.6. LICENSE: other-nonfree  
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URL: <https://ctan.org/pkg/fmp>  
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URL: <https://ctan.org/pkg/highlightlatex>  
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URL: <https://ctan.org/pkg/dvipsconfig>  
MIRROR: <https://mirror.ctan.org/dviware/dvipsconfig>
- *The ieeepes package. IEEE Power Engineering Society Transactions*. 2016-06-24. Version 4.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/ieeepes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ieeepes>
  - *The lhelp package. Miscellaneous helper packages*. 2016-06-24. Version 2.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/lhelp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lhelp>
- Kuhlmann, Volker. *The listbib package. Lists contents of BibT<sub>E</sub>X files*. 2016-06-24. Version 2.2. LICENSE: gpl. Generates listings of bibliographic data bases in format — for example for archival purposes. Included is a listbib.bst which is better suited for this purpose than the standard styles.  
URL: <https://ctan.org/pkg/listbib>  
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MIRROR: <https://mirror.ctan.org/fonts/utilities/makefonts>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savefnmark>
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 URL: <https://ctan.org/pkg/vmargin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vmargin>
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 URL: <https://ctan.org/pkg/vpage>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/vpage.sty>
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 URL: <https://ctan.org/pkg/listing>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ascelike>
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 URL: <https://ctan.org/pkg/bchart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bchart>
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- Kuhnert, Sebastian. *The apptools package*. Tools for customising appendices. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an command to add code to a hook that is executed when is called by the user. Additionally, a T<sub>E</sub>X conditional and a L<sup>A</sup>T<sub>E</sub>X-style conditional are provided to check if has already been called.  
 URL: <https://ctan.org/pkg/apptools>  
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 URL: <https://ctan.org/pkg/mfwl>  
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 URL: <https://ctan.org/pkg/hindawi-latex-template>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hindawi-latex-template>
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 URL: <https://ctan.org/pkg/blackboard>  
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 URL: <https://ctan.org/pkg/doublestroke>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jpnedumathsymbols>
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 URL: <https://ctan.org/pkg/mathematica>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/Mathematica3.0>
- Küster, Frank. *The alnumsec package. Alphanumeric section numbering.* 2016-06-24. Version 0.03. LICENSE: lppl. This package allows you to use alphanumeric section numbering, for instance “A. Introduction ... III. International Law”. Its output is similar to , but

- you can use the standard L<sup>A</sup>T<sub>E</sub>X sectioning commands, so that it is possible to switch numbering schemes easily. Greek letters, double letters (bb) and different delimiters around them are supported.
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alnumsec>
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URL: <https://ctan.org/pkg/labbook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labbook>
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URL: <https://ctan.org/pkg/chicago-annotate>  
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URL: <https://ctan.org/pkg/blue>  
MIRROR: <https://mirror.ctan.org/macros/blu>
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URL: <https://ctan.org/pkg/bridge>  
MIRROR: <https://mirror.ctan.org/info/laan/bridge>
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URL: <https://ctan.org/pkg/babel-albanian>  
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- López, Javier Bezos and Johannes L. Braams. *The babel-czech package. Babel support for Czech.* 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Czech in . Some shortcuts are defined, as well as translations to Czech of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-czech>  
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  - *The babel-dutch package. Babel contributed support for Dutch.* 2021-08-29. Version 3.8l. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Dutch conventions in a document (or a subset of the conventions, if Dutch is not the main language of the document).  
URL: <https://ctan.org/pkg/babel-dutch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/dutch>
  - *The babel-english package. Babel support for English.* 2017-06-07. Version 3.3r. LICENSE: lppl1.3. The package provides the language definition file for support of English in . Care is taken to select hyphenation patterns for British English and Australian text, and default (“”) patterns for Canadian and USA text.  
URL: <https://ctan.org/pkg/babel-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>
  - *The babel-finnish package. Babel support for Finnish.* 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language description file that enables support of Finnish with .  
URL: <https://ctan.org/pkg/babel-finnish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/finnish>
  - *The babel-interlingua package. Babel support for Interlingua.* 2018-01-13. Version 1.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-interlingua>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/interlingua>
  - *The babel-irish package. Babel support for Irish.* 2018-01-13. Version 1.0h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/irish>
  - *The babel-kurmanji package. Babel support for Kurmanji.* 2018-04-25. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-kurmanji>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/kurmanji>
  - *The babel-norsk package. Babel support for Norwegian.* 2022-11-17. Version 2.0i. LICENSE: lppl1.3. The package provides the language definition file for support of Norwegian in . Some shortcuts are defined, as well as translations to Norsk of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>
  - *The babel-portuges package. Babel support for Portuges.* 2021-07-09. Version 1.2t. LICENSE: lppl1.3. The package provides the language definition file for support of Portuguese and Brazilian Portuguese in . Some shortcuts are defined, as well as translations to Portuguese of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
  - *The babel-scottish package. Babel support for Scottish Gaelic.* 2018-01-13. Version 1.0g. LICENSE: lppl1.3. The package provides the language definition file for support of Gaidhlig (Scottish Gaelic) in . Some shortcuts are defined, as well as translations of standard “LaTeX names”.  
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>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text.* 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .  
URL: <https://ctan.org/pkg/babel-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak.* 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of LaTeX built-in-names. Shortcuts are also defined.



- URL: <https://ctan.org/pkg/babel-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
- López, Javier Bezos, Johannes L. Braams, and Sten Hellman. *The babel-swedish package. Babel support for typesetting Swedish.* 2021-02-06. Version 2.3e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian.* 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “L<sup>A</sup>T<sub>E</sub>X names” are provided.  
URL: <https://ctan.org/pkg/babel-romanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin.* 2018-01-13. Version 1.0c. LICENSE: lppl1.3  
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 Polish in . Some shortcuts are defined, as well as translations to Polish of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>
- López, Javier Bezos, Johannes L. Braams, and Uroš Stefanović. *The babel-serbian package. Babel/Polyglossia support for Serbian.* 2022-09-30. Version 2.2a. LICENSE: lppl1.3. The package provides support for Serbian documents written in Latin, in .  
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 “L<sup>A</sup>T<sub>E</sub>X 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>
- López, Javier Bezos and Thomas Ruedas. *The fonteinf package. An introduction to font usage in L<sup>A</sup>T<sub>E</sub>X (German).* 2016-06-24. LICENSE: nosource. A German translation of a on how to use fonts in L<sup>A</sup>T<sub>E</sub>X.  
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 guia-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 handwritten characters; it is distributed in Adobe Type 1 format (but is available in italic shape only). The package includes the files needed by L<sup>A</sup>T<sub>E</sub>X 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>
  - *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.* 2022-12-26. Version 3.1.0. 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 PicTeX 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>

- Lück, Uwe. *The ednotes package. Typeset scholarly editions*. 2022-12-07. 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 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>

- Lück, Uwe. *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*. 2022-12-10. Version 0.8a. LICENSE: lppl1.3c  
 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 PiCTeX*. 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>
  - *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. LaTeX’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>
- Lück, Uwe and Karl Wette. *The fnlineno package. Number the lines of footnotes*. 2022-12-05. Version 0.55. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fnlineno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lineno>
- 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/schwell>  
 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>
  - *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<sup>A</sup>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>
- Luengo, Pablo González. *The scontents package. Stores L<sup>A</sup>T<sub>E</sub>X contents in memory or files.* 2022-04-04. Version 2.0. LICENSE: lppl1.3c. This package stores valid L<sup>A</sup>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>
- Lukasczyk, 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<sup>A</sup>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<sup>A</sup>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<sup>A</sup>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>
- Lundqvist, Mikael. *The mif2xfig package. Conversion between Frame Maker and Xfig.* 2016-06-24. LICENSE: noinfo  
 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>
- Lupton, Robert. *The rtf2tex package. Convert RTF to T<sub>E</sub>X.* 2016-06-24. Version 1.02. LICENSE: other-free  
 URL: <https://ctan.org/pkg/rtf2tex>  
 MIRROR: <https://mirror.ctan.org/support/rtf2tex>
- Luque, Jean-Gabriel. *The pst-cox package. Drawing regular complex polytopes with PSTricks.* 2019-02-03. Version 0.98 Beta. LICENSE: lgpl  
 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>
- Luque, Manuel, Giuseppe Matarazzo, and Herbert Voß. *The pst-geo package. Geographical Projections.* 2021-09-01. Version 0.07. LICENSE: lppl

- URL: <https://ctan.org/pkg/pst-geo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geo>
- Luque, Manuel and Herbert Voß. *The pst-am package. Simulation of modulation and demodulation*. 2016-06-24. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-am>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
- *The pst-calendar package. Plot calendars in "fancy" ways*. 2021-09-11. Version 0.48. LICENSE: lppl. The package uses and to draw tabular calendars, or calendars on dodecahedra with a month to each face (the package also requires the and packages). The package works for years 2000–2099, and has options for calendars in French German and English, but the documentation is not available in English.  
 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>
  - *The pst-mirror package. Images on a spherical mirror*. 2021-09-14. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-mirror>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-mirror>
  - *The pst-optic package. Drawing optics diagrams*. 2022-04-06. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-optic>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>
  - *The pst-platon package. Platonic solids in PSTricks*. 2018-09-15. Version 0.01. LICENSE: lppl. The package adds to the ability to draw 3-dimensional views of the five Platonic solids.  
 URL: <https://ctan.org/pkg/pst-platon>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>
  - *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>
  - *The pst-thick package. Drawing very thick lines and curves*. 2018-09-15. Version 1.0. LICENSE: lppl. The package supports drawing of very thick lines and curves in , with various fillings for the body of the lines.  
 URL: <https://ctan.org/pkg/pst-thick>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-thick>
  - *The pst-vue3d package. Draw perspective views of three dimensional objects*. 2020-04-11. Version 1.24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-vue3d>  
 MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/pst-vue3d>
- Luttinen, Jaakko. *The tikz-bayesnet package. Draw Bayesian networks, graphical models and directed factor graphs*. 2016-06-24. Version 0.1. LICENSE: lppl1.3

- URL: <https://ctan.org/pkg/tikz-bayesnet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bayesnet>
- Luz, Saturnino. *The mnotes package. Margin annotation for collaborative writing*. 2022-05-25. Version 0.9. LICENSE: lppl1.3  
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 LuaTeX 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>
- *The jnuexam package. Exam class for Jinan University*. 2020-11-06. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/jnuexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jnuexam>
- *The ninecolors package. Select colors with proper WCAG color contrast*. 2022-02-13. Version 2022D. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ninecolors>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ninecolors>
- *The tabularray package. Typeset tabulars and arrays with L<sup>A</sup>T<sub>E</sub>X3*. 2022-11-01. Version 2022D. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tabularray>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularray>
- Lyubashenko, Volodymyr and Yurii Bespalov. *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 emTeX or TPIC s. Therefore, it can be used with the most popular drivers, including emTeX drivers, dviwin, xdvi and dvips, and (using some code from ) it may also be used with pdfLaTeX.  
URL: <https://ctan.org/pkg/t-angles>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/t-angles>
- Ma, Clerk. *The fandol package. Four basic fonts for Chinese typesetting*. 2016-06-24. Version 0.3. LICENSE: gpl  
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>
- Ma, Zheng. *The MLMath package. Mathematical notation for Machine Learning*. 2020-06-23. Version 1.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mlmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mlmath>
- Macchia, Angelo. *The topfloat package. Move floats to the top of the page*. 2016-06-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/topfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/topfloat>
- MacKay, Pierre A. *The cm-afm package. Adobe Font Metrics for the CM fonts*. 2016-06-24. LICENSE: knuth. A set of AFM files, derived from the ; the purpose of creating the files was to make the fonts available to such applications as .  
URL: <https://ctan.org/pkg/cm-afm>  
MIRROR: <https://mirror.ctan.org/fonts/cm/afm>
- *The tkhyph package. Hyphenation patterns for Turkish*. 2016-06-24. LICENSE: other-free  
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>
- *The XeT-TeX package. A bi-directional version of T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/xet-tex>  
MIRROR: <https://mirror.ctan.org/language/xettex>

- MacKay, Pierre A., Mustafa Burc, and Javier Bezos López. *The babel-turkish package. Babel support for Turkish documents*. 2019-07-05. Version 1.4. LICENSE: lppl1.3. The package provides support, within , of the Turkish language.  
 URL: <https://ctan.org/pkg/babel-turkish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/turkish>
- MacKay, Pierre A. and Michael Spivak. *The dvipaste package. DVI manipulation*. 2021-08-26. LICENSE: pd  
 URL: <https://ctan.org/pkg/dvipaste>  
 MIRROR: <https://mirror.ctan.org/dviware/dvipaste>
- Maclaine-Cross, Ian. *The curves package. Curves for L<sup>A</sup>T<sub>E</sub>X picture environment*. 2017-09-09. Version 1.55. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/curves>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curves>
- Madr, Míchal, Pavel Stríž, and Tobias Oetiker. *The lshort-czech package. Czech translation of the “Short Introduction to L<sup>A</sup>T<sub>E</sub>X2e”*. 2020-06-17. Version 4.27. LICENSE: gpl. This is the Czech translation of “”.  
 URL: <https://ctan.org/pkg/lshort-czech>  
 MIRROR: <https://mirror.ctan.org/info/lshort/czech>
- Madrigal, Celia Rubio. *The ddphonism package. Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.* 2019-09-01. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ddphonism>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ddphonism>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digiconfigs>
- *The dfltxb package. Macros related to “Introdktion til L<sup>A</sup>T<sub>E</sub>X”*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dfltxb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dfltxb>
  - *The interval package. Format mathematical intervals, ensuring proper spacing*. 2019-03-06. Version 0.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/interval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interval>
  - *The memexsupp package. Experimental memoir support*. 2016-06-24. Version 0.1. LICENSE: lppl. A package of code proposed as supporting material for . The package is intended as a test bed for such code, which may in the fullness of time be adopted into the main memoir release.  
 URL: <https://ctan.org/pkg/memexsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/memexsupp>
  - *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>
  - *The SASnRdisplay package. Typeset SAS or R code or output*. 2022-05-01. Version 0.95. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sasnrdisplay>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbatimcopy>
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 URL: <https://ctan.org/pkg/platex>  
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 MIRROR: <https://mirror.ctan.org/fonts/uptex-fonts>
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-filter>
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 URL: <https://ctan.org/pkg/context-mathsets>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-mathsets>
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 URL: <https://ctan.org/pkg/context-visualcounter>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-visualcounter>
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-simpleslides>
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 URL: <https://ctan.org/pkg/psboxit>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/psboxit.sty>
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 URL: <https://ctan.org/pkg/delim>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sitem>
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- URL: <https://ctan.org/pkg/simplecd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simplecd>
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- URL: <https://ctan.org/pkg/efbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/efbox>
- *The pygmentex package. Use Pygments to format code listings in documents*. 2022-08-16. Version 0.11. LICENSE: lppl1.3
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pygmentex>
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MIRROR: <https://mirror.ctan.org/systems/win32/bakoma>
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MIRROR: <https://mirror.ctan.org/fonts/cm/ps-type1/bakoma>
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MIRROR: <https://mirror.ctan.org/systems/win32/bakoma/macros/games.bkz>
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- URL: <https://ctan.org/pkg/bakoma-mac>  
MIRROR: <https://mirror.ctan.org/systems/mac/bakoma-mac>
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MIRROR: <https://mirror.ctan.org/support/equationauthor>
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MIRROR: <https://mirror.ctan.org/support/scientificauthor>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dithesis>
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selection as L<sup>A</sup>T<sub>E</sub>X markup which can be pasted into an existing L<sup>A</sup>T<sub>E</sub>X document, or exported to a file and included via the command.

URL: <https://ctan.org/pkg/excel2latex>

MIRROR: <https://mirror.ctan.org/support/excel2latex>

Mareschal, Pierre, Ulrich Fastenrath, Ciaran McHale, Dana Jacobsen, Frank Roth, Hartmut Palm, Henry Kautz, and Bernd Fritzsche. *The refer-tools package. Convert between refer format and BibTeX format.* 2020-06-21. Version 0.9.4. LICENSE: noinfo

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MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/refer-tools>

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

MIRROR: <https://mirror.ctan.org/language/croatian/hrlatex>

Mařík, Robert. *The acroweb package. Scripts to create interactive tests from a database.* 2016-06-24. Version 0.79. LICENSE: lppl. The AcroWeb script collection offers a tool for creation of interactive PDF tests on the fly on the Internet, using the and pdfLaTeX; it does not require too much knowledge of L<sup>A</sup>T<sub>E</sub>X. The questions are stored in a plain text database.

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

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

— *The fancytooltips package. Include a wide range of material in PDF tooltips.* 2020-09-02. Version 1.8. LICENSE: lppl1.2. The package was inspired by the package. In contrast to cooltooltips, fancytooltips allows inclusion of tooltips which contain arbitrary T<sub>E</sub>X material or a series of T<sub>E</sub>X materials (animated graphics) from an external PDF file. To see the tooltips, you have to open the files in Adobe Reader. The links and JavaScripts are inserted using eforms package from the .

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

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

— *The jeopardy package. Build a jeopardy game in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.1a. LICENSE: lppl

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

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

— *The mfpic4ode package. Macros to draw direction fields and solutions of ODEs.* 2016-06-24. Version 0.4. LICENSE: lppl

URL: <https://ctan.org/pkg/mfpic4ode>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mfpic4ode>

— *The ocgtools package. Manipulate OCG layers in PDF presentations.* 2016-06-24. Version 0.95a. LICENSE: lppl1.2

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

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

Marinović, Igor. *The hrhyph package. Croatian hyphenation.* 2018-01-06. LICENSE: lppl1.3

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

MIRROR: <https://mirror.ctan.org/language/hyphenation/hrhyph.tex>

Markey, Nicolas. *The bib-fr package. French translation of classical BibTeX styles.* 2016-06-24. Version 1.5. LICENSE: lppl

URL: <https://ctan.org/pkg/bib-fr>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bib-fr>

— *The bibexport package. Extract a BibTeX file based on a .aux file.* 2019-04-04. Version 3.03. LICENSE: lppl1.3. A Bourne shell script that uses BibTeX to extract bibliography entries that are 'd in a document. It can also expand a BibTeX file, expanding the abbreviations (other than the built-in ones like month names) and following the cross-references.

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

MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibexport>

— *The inriafonts package. Inria fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2019-01-28. Version 1.0. LICENSE: ofl,lppl

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

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

— *The multidef package. Quickly define several similar macros.* 2016-06-24. Version 1.10. LICENSE: lppl1.3

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

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

— *The pdfxup package. Create n-up PDF pages with minimal margins.* 2021-04-25. Version 2.10. LICENSE: lppl1.3

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

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

— *The splitbib package. Split and reorder your bibliography.* 2016-06-24. Version 1.17. LICENSE: lppl

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

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

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-npbt>
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 URL: <https://ctan.org/pkg/biblatex-abnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-abnt>
- Marschall, Holger. *The beameraudience package. Assembling beamer frames according to audience*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/beameraudience>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/beameraudience>
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 URL: <https://ctan.org/pkg/multiobjective>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multiobjective>
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 URL: <https://ctan.org/pkg/faq-es>  
 MIRROR: <https://mirror.ctan.org/help/es-tex-faq>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/membranecomputing>
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 URL: <https://ctan.org/pkg/nath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nath>
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 URL: <https://ctan.org/pkg/lshort-japanese>  
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 URL: <https://ctan.org/pkg/latex-via-exemplos>  
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 URL: <https://ctan.org/pkg/pst-stru>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-stru>
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 URL: <https://ctan.org/pkg/langnames>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/langnames>
- Mathar, Richard J. *The EndNote2bib package. Convert EndNote files to BibTeX*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/endnote2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/r2bib>



- Mathar, Richard J. *The ijqc package. BibTeX style file for the Intl. J. Quantum Chem.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ijqc>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/ijqc>
- *The numalg package. BibTeX style for Kluwer's Numerical Algorithms.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/numalg>  
 MIRROR: <https://mirror.ctan.org/obsolete/biblio/bibtex/contrib/misc/numalg.bst>
  - *The r2bib package. Convert refer and EndNote files to BibTeX.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/r2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/r2bib>
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 URL: <https://ctan.org/pkg/smartunits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smartunits>
- *The WebQuiz package. Write interactive web based quizzes.* 2019-05-01. Version 5.2. LICENSE: gpl3+. WebQuiz makes it possible to use L<sup>A</sup>T<sub>E</sub>X to write interactive web based quizzes. The quizzes are first written in L<sup>A</sup>T<sub>E</sub>X and then converted into HTML files using WebQuiz, which is written in Python3. The conversion from L<sup>A</sup>T<sub>E</sub>X to HTML is done behind the scenes using .  
 URL: <https://ctan.org/pkg/webquiz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/webquiz>
- Mathas, Andrew and Bob Howlett. *The bigtable package. Multi-page tables in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bigtable>  
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 MIRROR: <https://mirror.ctan.org/support/autoconf>
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 URL: <https://ctan.org/pkg/tkz-euclide>  
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 URL: <https://ctan.org/pkg/tkz-tab>  
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  - *The tkzexample package. Package for the documentation of all tkz-\* packages*. 2022-07-16. Version 1.45c. LICENSE: lppl1.3. This package is needed to compile the documentation of all tkz-\* packages (like ).  
 URL: <https://ctan.org/pkg/tkzexample>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkzexample>
  - Matthes, Alain, Apostolos Syropoulos, and Anastasios Dimou. *The alterqcm package. Multiple choice questionnaires in two column tables*. 2021-05-21. Version 4.42c. LICENSE: lppl1.3. The package is a  $\LaTeX$ 2e package, for making multiple choices questionnaires in a table with two columns. The aim is to provide some useful macros to build QCM in tables. These macros may be used by only  $\LaTeX$   $\TeX$  users. The package works with utf8, pdf $\LaTeX$ , Lua $\LaTeX$  and X $\LaTeX$  (with some languages). The documentation is in English.  
 URL: <https://ctan.org/pkg/alterqcm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alterqcm>
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URL: <https://ctan.org/pkg/pdfpages>  
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URL: <https://ctan.org/pkg/ntheorem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ntheorem>
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URL: <https://ctan.org/pkg/huhyp>  
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MIRROR: <https://mirror.ctan.org/support/tex-converter>
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URL: <https://ctan.org/pkg/latexrender>  
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- 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/obsolete/macros/latex/contrib/misc/cea.sty>
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- 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>
- *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 fount, 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.  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/dynkin-diagrams>
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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  
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  - *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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URL: <https://ctan.org/pkg/compare>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/compare.tex>
- *The cprog package. Typeset C programs*. 2016-06-24. Version 1.4. LICENSE: pd  
URL: <https://ctan.org/pkg/cprog>  
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URL: <https://ctan.org/pkg/unouter>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/unouter.tex>
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- McPhee, Patrick T J. *The bbcard package. Bullshit bingo, calendar and baseball-score cards*. 2016-06-24. LICENSE: pd  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bbcard>
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URL: <https://ctan.org/pkg/slideshow>  
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URL: <https://ctan.org/pkg/pandora-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/pandora>



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 URL: <https://ctan.org/pkg/bookform>  
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- *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  
 URL: <https://ctan.org/pkg/milstd>  
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/plain/contrib/fontch20>
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- Moutinho, Rui. *The tikz-layers package. TikZ provides graphical layers on TikZ: "behind", "above" and "glass"*. 2019-03-02. Version 0.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-layers>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-layers>
- Movahhedian, Hossein. *The texnegar package. Kashida justification in Xe<sub>La</sub>TeX and LuaLaTeX*. 2021-02-09. Version 0.1e. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/texnegar>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/texnegar>
- *The xepersian-hm package. Fixes kashida feature in xepersian package*. 2020-09-04. Version 1.1a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xepersian-hm>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xepersian-hm>
- Moy, Matthieu. *The drawstack package. Draw execution stacks*. 2016-06-24. LICENSE: lppl1.3. This simple L<sup>A</sup>T<sub>E</sub>X package provides support for drawing execution stack (typically to illustrate assembly language notions). The code is written on top of .  
URL: <https://ctan.org/pkg/drawstack>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawstack>
- *The git-latexdiff package. Call latexdiff on two Git revisions of a file*. 2020-04-15. Version 1.6.0. LICENSE: bsd2. git-latexdiff is a tool to graphically visualize differences between different versions of a L<sup>A</sup>T<sub>E</sub>X file. Technically, it is a wrapper around git and .  
URL: <https://ctan.org/pkg/git-latexdiff>  
MIRROR: <https://mirror.ctan.org/support/git-latexdiff>
- *The timing-diagrams package. Draw timing diagrams*. 2017-04-18. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/timing-diagrams>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/timing-diagrams>
- Moy, Matthieu, David J. Musliner, and Matthew Lovell. *The latexexpand package. Expand \input and \include in a L<sup>A</sup>T<sub>E</sub>X document*. 2019-12-12. Version 1.6. LICENSE: bsd. Latexpand is a Perl script that simply replaces and commands with the content of the input or included file. The script does not deal with commands.  
URL: <https://ctan.org/pkg/latexexpand>  
MIRROR: <https://mirror.ctan.org/support/latexexpand>
- Moye, Stephen. *The typespec package. Create font samplers*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/typespec>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/TypeSpec>
- Mrkus, Jiří. *The upca package. Print UPC-A barcodes*. 2016-06-24. LICENSE: lppl. The package defines a single macro , to print UPC-A barcodes.



- URL: <https://ctan.org/pkg/upca>  
 MIRROR: <https://mirror.ctan.org/macros/generic/upca>
- Muecke, Michael. *The WinTeX XP package. A Win32 T<sub>E</sub>X Editor with the MS Office look and feel.* 2017-05-21. LICENSE: shareware  
 URL: <https://ctan.org/pkg/wintex2000>  
 MIRROR: <https://mirror.ctan.org/systems/win32/wintex2000>
- Muelas, Santiago. *The txp package. Draw text along a path.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/txp>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/txp>
- Muhamedagić, Dejan. *The shhyph1 package. Serbo-Croatian hyphenation (Latin alphabet).* 2018-01-06. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/shhyph1>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/shhyph1.tex>
- Mui, Wing L. *The sides package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays.* 2016-06-24. LICENSE: gpl. This is a L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays, based on the class written by Antti-Juhani Kaijanaho in 1998. It has been updated and several formatting changes have been made to it—most noticeably there are no longer orphans.  
 URL: <https://ctan.org/pkg/sides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sides>
- Mukkavilli, Lakshmankumar. *The telugu package. (La)TeX Support for writing the Telugu Language.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/telugu>  
 MIRROR: <https://mirror.ctan.org/language/telugu>
- Mulder, Art. *The shading package. L<sup>A</sup>T<sub>E</sub>X package for putting text on a shaded background.* 2016-06-24. Version 1.3. LICENSE: noinfo. Works by specifying the background with PostScript commands, suitable for use with  
 URL: <https://ctan.org/pkg/shading>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/shading>
- Müller, Ulrich. *The cryst package. Font for graphical symbols used in crystallography.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cryst>  
 MIRROR: <https://mirror.ctan.org/fonts/cryst>
- Müller, Walter. *The wmaainf package. BibTeX style for Abteilung für Angewandte Informatik.* 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/wmaainf>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/wmaainf.bst>
- Müller, Wilhelm. *The totpages package. Count pages in a document, and report last page number.* 2016-06-24. Version 2.00. LICENSE: lppl. The package counts the actual pages in the document (as opposed to reporting the number of the last page, as does ). The counter itself may be shipped out to the DVI file. The package uses the package for its task.  
 URL: <https://ctan.org/pkg/totpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/totpages>
- Mulligan, Brian W. *The physconst package. Macros for commonly used physical constants.* 2021-03-27. Version 1.1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/physconst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physconst>
- *The physunits package. Macros for commonly used physical units.* 2021-03-27. Version 1.2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/physunits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physunits>
- Münch, Hans-Martin. *The calxxxx-yyyy package. Print a calendar for a group of years.* 2022-12-31. Version 20.23a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/calxxxx-yyyy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calxxxx-yyyy>
- *The footnoterange package. References to ranges of footnotes.* 2019-11-24. Version 1.0c. LICENSE: lppl1.3c. The package provides the environments and . Multiple footnotes inside these environments are not referenced as (e.g.) “1 2 3” but as “1-3”, i.e., the range (from first to last referred footnote at that place) is given. If the package is loaded with enabled -option, then the references are hyperlinked. (References to footnotes in environments are never hyperlinked.)  
 URL: <https://ctan.org/pkg/footnoterange>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnoterange>
- *The hrefhide package. Suppress hyper links when printing.* 2016-06-24. Version 1.0f. LICENSE: lppl1.3. This package provides the command (which provides a substitute for ). While the (hyperlinked) text appears like an ordinary in the compiled PDF file, the same text will be “hidden” when printing the text. (Hiding is actually achieved by making the text the same colour as the background, thus preserving the layout of the rest of the text.)  
 URL: <https://ctan.org/pkg/hrefhide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hrefhide>

- Münch, Hans-Martin. *The pagecolor package. Interrogate page colour*. 2022-11-27. Version 1.2a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pagecolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagecolor>
- *The pageslts package. Variants of last page labels*. 2016-06-24. Version 1.2f. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pageslts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pageslts>
  - *The papermas package. Compute the mass of a printed version of a document*. 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/papermas>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papermas>
  - *The regstats package. Information about register use*. 2016-06-24. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/regstats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regstats>
  - *The romanbar package. Write roman number with "bars"*. 2016-06-24. Version 1.0f. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/romanbar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbar>
  - *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 T<sub>E</sub>X 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 LuaL<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/casiofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>

- Munn, Alan. *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.* 2022-12-15. Version 4.0. 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>
  - *The context-degrade package. Degrading JPEG images in ConTeXt.* 2016-06-18. LICENSE: gpl  
 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>

- Münster, Peter. *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 shortvrb*. 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>
- *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>



- Musa, Ahmed. *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 newenvirom package. Processing an environment's body*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/newenvirom>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newenvirom>
  - *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>  
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  - *The atbegshi package. Execute stuff at \shipout time*. 2019-12-07. Version 1.19. LICENSE: lppl1.3. This package is a modern reimplementaion of package , providing various commands to be executed before a command. It makes use of e-TeX's facilities if they are available. The package may be used either with  $\LaTeX$  or with plain  $\TeX$ .  
 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: lppl1.3c  
 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: lppl1.3c. 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>
  - *The atveryend package. Hooks at the very end of a document*. 2019-12-12. Version 1.11. LICENSE: lppl1.3. This  $\LaTeX$  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>



- Oberdiek, Heiko. *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 (URI, 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>
  - *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>
- Oberdiek, Heiko. *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>
  - *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 ’s 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>

- Oberdiek, Heiko. *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/iftdraft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iftdraft.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 ; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package .  
 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 , to define keys for use by .  
 URL: <https://ctan.org/pkg/kvdefinekeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
  - *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 ’s . It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see ’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>
  - *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>

- Oberdiek, Heiko. *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 of `and` and `,` that make the delimiters act as `and` 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>
  - *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 T<sub>E</sub>X’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 `landscape`, 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>



- Oberdiek, Heiko. *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 pmboxdraw package. Poor man's box drawing characters*. 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pmboxdraw>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmboxdraw>
  - *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>
  - *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 T<sub>E</sub>X 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>



- Oberdiek, Heiko. *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 L<sup>A</sup>T<sub>E</sub>X 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 T<sub>E</sub>X readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
 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>
  - *The uniquecounter package. Provides unlimited unique counter*. 2019-12-21. Version 1.4. LICENSE: lppl1.3  
 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>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref>
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 URL: <https://ctan.org/pkg/nameref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
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URL: <https://ctan.org/pkg/pax>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mafr>
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MIRROR: <https://mirror.ctan.org/macros/generic/variations>
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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 2<sub>ε</sub>*. 2021-03-09. Version 6.4. LICENSE: gpl2  
URL: <https://ctan.org/pkg/lshort-english>  
MIRROR: <https://mirror.ctan.org/info/lshort/english>
- *The timetab package. Typeset timetables*. 2016-06-24. Version 0.1. LICENSE: noinfo. Defines an environment that prints a table, in the way one might when doing the job by hand. (The basic entry is , from German Lektur.)  
URL: <https://ctan.org/pkg/timetab>  
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URL: <https://ctan.org/pkg/ltxutil>  
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URL: <https://ctan.org/pkg/psizzl>  
MIRROR: <https://mirror.ctan.org/macros/psizzl>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
- *The revtex4-0 package. Styles for various Physics Journals (old version)*. 2020-10-02. Version 4.0a. LICENSE: lppl. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
URL: <https://ctan.org/pkg/revtex4-0>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-0>

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 URL: <https://ctan.org/pkg/feynmf>  
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 URL: <https://ctan.org/pkg/niceframe>  
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 URL: <https://ctan.org/pkg/namedef>  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/reotex>
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 URL: <https://ctan.org/pkg/ualasses>  
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 URL: <https://ctan.org/pkg/a2ac>  
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 URL: <https://ctan.org/pkg/apnum>  
 MIRROR: <https://mirror.ctan.org/macros/generic/apnum>
  - *The code128 package. Barcode macros for the Code 128 standard*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/code128>  
 MIRROR: <https://mirror.ctan.org/macros/generic/code128>
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 URL: <https://ctan.org/pkg/csfonts-t1>  
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 URL: <https://ctan.org/pkg/csplain>  
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 URL: <https://ctan.org/pkg/docbytex>  
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 URL: <https://ctan.org/pkg/ean>  
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 MIRROR: <https://mirror.ctan.org/systems/encTeX>
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 URL: <https://ctan.org/pkg/ofs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ofs>
  - *The olsak-misc package. Collection of plain T<sub>E</sub>X macros written by Petr Olšák*. 2022-08-04. Version Aug. 2022. LICENSE: pd  
 URL: <https://ctan.org/pkg/olsak-misc>  
 MIRROR: <https://mirror.ctan.org/macros/generic/olsak-misc>
  - *The OpTeX package. LuaTeX format based on Plain T<sub>E</sub>X and OPmac*. 2022-12-03. Version 1.09. LICENSE: pd  
 URL: <https://ctan.org/pkg/optex>  
 MIRROR: <https://mirror.ctan.org/macros/optex>
  - *The TeX-nutshell package. A short document about T<sub>E</sub>X principles*. 2022-05-18. Version 0.8. LICENSE: pd  
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- Olšák, Petr and Zdeněk Wagner. *The cspsfonts package. Czech/Slovakian PostScript font support*. 2017-04-18. LICENSE: gpl  
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 URL: <https://ctan.org/pkg/lshort-persian>  
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 URL: <https://ctan.org/pkg/bigdelim>  
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  - *The bigstrut package. Struts for opening up tabular spacing*. 2021-03-15. Version 2.8. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bigstrut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
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LICENSE: lppl1.3. The package is built on top of the great package. It provides a useful definition of the beautiful Google Material Color Palette, available at , for its use in document writing with L<sup>A</sup>T<sub>E</sub>X and Friends.  
URL: <https://ctan.org/pkg/xcolor-material>  
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URL: <https://ctan.org/pkg/chextras>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chextras>
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MIRROR: <https://mirror.ctan.org/macros/generic/misc/daytime.sty>
- Orlandini, Mauro and Max Hailperin. *The multicolpar package. Put successive paragraphs in different columns*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/multicolpar>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/multicolpar.sty>
- Orloff, Jean. *The psbox package. PostScript box macros, etc*. 2016-06-24. Version 1.34. LICENSE: noinfo  
URL: <https://ctan.org/pkg/psbox>  
MIRROR: <https://mirror.ctan.org/macros/generic/psbox>
- Ørsted, Sebastian. *The leftindex package. Left indices with better spacing*. 2020-08-31. Version 0.1beta. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/leftindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftindex>
- *The SemanTeX package. Semantic, keyval-based mathematics*. 2022-12-03. Version 0.523. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/semantex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantex>
- *The SemTeX package. Deals with stripped SemanTeX documents*. 2020-10-04. Version 0.45. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/semtex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semtex>
- *The stricttex package. Strictly balanced brackets and numbers in command names*. 2020-09-08. Version 0.2beta. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/stricttex>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/stricttex>
- Ortolo, Tanguy. *The songproj package. Generate Beamer slideshows with song lyrics*. 2022-11-16. Version 1.0.1. LICENSE: bsd3  
URL: <https://ctan.org/pkg/songproj>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/songproj>
- Osborne, Alexander. *The PuyoTikZ package. Quickly typeset board states of Puyo Puyo games*. 2021-01-03. Version 1.0.1. LICENSE: mit  
URL: <https://ctan.org/pkg/puyotikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/puyotikz>



- Osborne, Martin J. *The egameps package. L<sup>A</sup>T<sub>E</sub>X package for typesetting extensive games*. 2018-09-15. Version 1.1. LICENSE: lppl. The style is intended to have enough features to draw any extensive game with relative ease. The facilities of are used for graphics. (An older version of the package, which uses the L<sup>A</sup>T<sub>E</sub>X picture environment rather than PSTricks and consequently has many fewer features is available on the package home page.)  
 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>
  - *The rputover package. Place text over PSTricks objects without obscuring background colors*. 2017-07-02. Version 1.0. LICENSE: lppl1.3  
 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sgame>
  - *The Swimgraf package. Graphical/textual representations of swimming performances*. 2018-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/swimgraf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swimgraf>
  - *The text2bib package. A PHP script to convert references to BibTeX*. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/text2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/text2bib>
- Ouassou, Jabir Ali and Luuk Tijssen. *The eulerpx package. A modern interface for the Euler math fonts*. 2022-07-15. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/eulerpx>  
 MIRROR: <https://mirror.ctan.org/fonts/eulerpx>
- Oudenhove, Thomas van. *The sort-by-letters package. Bibliography styles for alphabetic sorting*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/sort-by-letters>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/sort-by-letters>
- *The texloganalyser package. Analyse T<sub>E</sub>X logs*. 2020-03-26. Version 0.11. LICENSE: bsd  
 URL: <https://ctan.org/pkg/texloganalyser>  
 MIRROR: <https://mirror.ctan.org/support/texloganalyser>
- Owens, John. *The otfinst package. Install OpenType fonts for use in T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X systems*. 2018-01-06. Version 1.0.3. LICENSE: bsd. Otfinst takes a list of OpenType font files as input, uses Eddie Kohler’s to install them into a T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X system, and builds and installs the necessary font description and style files. Otfinst was formerly known as offtex\_install and is written in Python. It has similar capabilities to Marc Penninga’s .  
 URL: <https://ctan.org/pkg/otfinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>
- Pacini, Alex. *The cesenaexam package. A class file to typeset exams*. 2017-08-07. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/cesenaexam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>
- Paciorek, Robert. *The ehline package. Extend the \hhline command*. 2020-04-04. Version 1.1. LICENSE: mit. This package extends the command with a token, which allows to create lines with arbitrary L<sup>A</sup>T<sub>E</sub>X commands.  
 URL: <https://ctan.org/pkg/ehline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ehline>
- *The labels4easylist package. Add reference labels to easylist items*. 2019-05-16. Version 1.0. LICENSE: mit. This package provides the macro for adding configurable reference labels to items.  
 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>
- Paciorek, Robert. *The tikzpackets package. Display network packets*. 2020-07-20. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/tikzpackets>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackets>

- *The vtable package*. Vertical alignment of table cells. 2019-05-16. Version 1.0. LICENSE: mit. The package allows vertical alignment of table cell by providing:  
 URL: <https://ctan.org/pkg/vtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vtable>
- Page, Stephen. *The doublespace package*. Double space environment. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/doublespace>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/misc/doublespace.sty>
- *The drafthead package*. Mark "DRAFT" in page headers. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drafthead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drafthead.sty>
- Pagin, Peter. *The philex package*. Cross references for named and numbered environments. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/philex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philex>
- Paić, Alan and Ivan Kokan. *The babel-croatian package*. Babel contributed support for Croatian. 2016-06-24. Version 1.3l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-croatian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
- Pakin, Scott. *The arlatex package*. A L<sup>A</sup>T<sub>E</sub>X-based archiver. 2022-10-04. Version 1.1. LICENSE: lppl1.3c. Arlatex is an archiving program like shar, tar, zip, etc. Its output is specifically designed for use with L<sup>A</sup>T<sub>E</sub>X. Arlatex takes the name of a master file and the ancillary files it uses (such as , , and files). From these files, arlatex creates a single file that will recreate all the ancillary files when it's run through L<sup>A</sup>T<sub>E</sub>X.  
 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  
 URL: <https://ctan.org/pkg/attachfile>  
 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  
 URL: <https://ctan.org/pkg/boxedminipage>  
 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>
- *The comicsans package*. Use Microsoft Comic Sans font. 2021-09-11. Version 1.0g. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comicsans>  
 MIRROR: <https://mirror.ctan.org/fonts/comicsans>
- *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>
- Pakin, Scott. *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, , which is a cross between L<sup>A</sup>T<sub>E</sub>X's \rule and PostScript's setdash command. draws horizontally dashed rules using the same syntax as , 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 dtxut 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/dtxut>

MIRROR: <https://mirror.ctan.org/info/dtxut>

- *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 T<sub>E</sub>Xtrace, `\fontspec`, and other programs which convert bitmaps to outline fonts.

URL: <https://ctan.org/pkg/mf2pt1>

MIRROR: <https://mirror.ctan.org/support/mf2pt1>

- *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 `\newcommand`-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 perltext 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/perltext>

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

- *Pakin, Scott. 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 pdfL<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/purifyeps>  
MIRROR: <https://mirror.ctan.org/support/purifyeps>
- *The repltext package*. Control how text gets copied from a PDF file. 2020-09-25. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/repltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repltext>
- *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 an environment that is analogous to 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 uiucborder package*. Class for UIUC thesis red-bordered forms. 2016-06-24. Version 1.00. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/uiucborder>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>
- *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>
- *The wheretotrim package*. Assist in reducing L<sup>A</sup>T<sub>E</sub>X document page counts. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/wheretotrim>  
MIRROR: <https://mirror.ctan.org/support/wheretotrim>
- Pal, Palash Baran. *The bangtex package*. Writing Bangla and Assamese with L<sup>A</sup>T<sub>E</sub>X. 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/bangtex>  
MIRROR: <https://mirror.ctan.org/language/bengali/bangtex>
- Pallas, Joseph. *The suthesis package*. Typeset a Stanford University thesis. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/suthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>
- Palm, Reimo. *The lshort-estonian package*. Estonian introduction to L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 5.05. LICENSE: gpl2. This is the Estonian translation of .  
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>
- *The pdfpreview package*. Annotate PDF files with margin notes. 2019-02-22. Version 1.2. LICENSE: lppl  
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/utlis/bibweb>
- Palmieri, John H. *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>
- Pamp, Quirin. *The frege package. Typeset fregean Begriffsschrift*. 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/frege>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frege>
- Pan, Shengjun. *The lmake package. Process lists to do repetitive actions*. 2016-06-24. Version 1.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/lmake>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmake>
- *The meper package. MetaPost editor and previewer*. 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/meper>  
 MIRROR: <https://mirror.ctan.org/support/meper>
- Panagopoulos, George. *The db package. Process simple databases inside L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 2.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/db>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/db.sty>
- Pandey, Anshuman. *The gurmukhi package. Support for Gurmukhi*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
- *The wnri-latex package. L<sup>A</sup>T<sub>E</sub>X support for wnri fonts*. 2018-01-06. Version 1.0b. LICENSE: gpl2. L<sup>A</sup>T<sub>E</sub>X support for the fonts.  
 URL: <https://ctan.org/pkg/wnri-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>
- Pandey, Anshuman and Abhijit Das. *The bengali-pandey package. Support for the Bengali language*. 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bengali-pandey>  
 MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
- Panov, Andrey and Nikola Lečić. *The cm-unicode package. Computer Modern Unicode font family*. 2021-03-10. Version 0.7.0. LICENSE: ofl  
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URL: <https://ctan.org/pkg/pictex2>  
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- Parsloe, Andrew. *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  
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 URL: <https://ctan.org/pkg/sfarticle>  
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 URL: <https://ctan.org/pkg/pixelart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
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 URL: <https://ctan.org/pkg/spix>  
 MIRROR: <https://mirror.ctan.org/support/spix>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thalie>
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 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>  
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 MIRROR: <https://mirror.ctan.org/fonts/phonetic>
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 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
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 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>
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 URL: <https://ctan.org/pkg/outlines>  
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 URL: <https://ctan.org/pkg/bpchem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bpchem>
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 MIRROR: <https://mirror.ctan.org/macros/latex/expt1/delimtxt>
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 URL: <https://ctan.org/pkg/dnaseq>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dnaseq>
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URL: <https://ctan.org/pkg/luacode>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacode>
- *The lualatex-doc package*. A guide to use of  $\LaTeX$  with Lua $\TeX$ . 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  $\TeX$  live 2010 format. 2016-06-24. Version 0.1. LICENSE: lppl1.3. Starting with  $\TeX$  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 pdf $\TeX$  or Lua $\TeX$  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  $\LaTeX$ 2e. 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  $\LaTeX$ 2e 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>
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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  $\LaTeX$  commands, which allow easy and robust definition of macros with many optional arguments, using a clear and simple -style syntax.  
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 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 scrlltr2 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>
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 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>
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 URL: <https://ctan.org/pkg/fontools>  
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 URL: <https://ctan.org/pkg/truetypemetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/truetypemetrics>
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 URL: <https://ctan.org/pkg/ifacmtg>  
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 URL: <https://ctan.org/pkg/cmcyr-patch>  
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MIRROR: <https://mirror.ctan.org/info/dtxgallery>
  - *The environ package. A new interface for environments in L<sup>A</sup>T<sub>E</sub>X*. 2019-09-28. Version 0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/environ>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/environ>
  - *The euxunicode package. Generate Unicode characters from accented glyphs*. 2016-10-08. Version 0.1g. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/euxunicode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
  - *The icsv package. Class for typesetting articles for the ICSV conference*. 2016-06-24. Version 0.2. LICENSE: lppl. This is an ad-hoc class for typesetting articles for the ICSV conference, based on the earlier by the same author.  
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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inversepath>
  - *The leading package. Define leading with a length*. 2018-01-06. Version 0.3. LICENSE: lppl. The package defines a command , whose argument is a that specifies the nominal distance between consecutive baselines of typeset text. The command replaces the rather more difficult L<sup>A</sup>T<sub>E</sub>X command , where the leading is specified by reference to the font size.  
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>
  - *The mlist package. Logical markup for lists*. 2016-06-24. Version 0.6a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mlist>
  - *The pracjourn package. Typeset articles for PracTeX*. 2021-08-26. Version 0.4n. LICENSE: gpl  
URL: <https://ctan.org/pkg/pracjourn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pracjourn>
  - *The realscripts package. Access OpenType subscript and superscript glyphs*. 2020-09-26. Version 0.3d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realscripts>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/realscripts>
  - *The subdepth package. Unify maths subscript height*. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/subdepth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdepth>



- Robertson, Will. *The trimspaces package. Trim spaces around an argument or within a macro.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/trimspaces>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/trimspaces>
- *The vwcol 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/vwcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vwcol>
  - *The XeTeXref package. Reference documentation of XeTeX.* 2020-08-30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xetexref>  
 MIRROR: <https://mirror.ctan.org/info/xetexref>
  - *The xltextra package. “Extras” for L<sup>A</sup>T<sub>E</sub>X users of XeTeX.* 2020-09-26. Version 0.7. LICENSE: lppl1.3c. This package was previously used to provide a number of features that were useful for typesetting documents with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. Many of those features have now been incorporated into the package and other packages, but the package persists for backwards compatibility. Nowadays, loading will: load the , , and packages; redefine so it works correctly; and define two extra commands: and .  
 URL: <https://ctan.org/pkg/xltextra>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xltextra>
- Robertson, Will and Kevin Godby. *The hardwrap package. Hard wrap text to a certain character length.* 2018-01-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hardwrap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hardwrap>
- Robertson, Will and Johannes Große. *The ifplatform package. Conditionals to test which platform is being used.* 2017-12-07. Version 0.4a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifplatform>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
- Robertson, Will and Khaled Hosny. *The unicode-math package. Unicode mathematics support for XeTeX and LuaTeX.* 2021-08-26. Version 0.8q. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/unicode-math>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
- Robertson, Will and Zebb Prime. *The pstool package. Support for psfrag within pdfLaTeX.* 2018-01-20. Version 1.5e. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pstool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pstool>
- Robertson, Will, Élie Roux, and Khaled Hosny. *The EUenc package. Unicode font encoding definitions for XeTeX.* 2016-10-08. Version 0.1h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/euenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- Robertson, Will and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fontspec package. Advanced font selection in X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX.* 2022-05-18. Version 2.8a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fontspec>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontspec>
- 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/appendix>

- Robertson, Will and Peter R. Wilson. *The bez123 package. Support for Bezier curves*. 2016-06-24. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bez123>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bez123>
- *The booklet package. Aids for printing simple booklets*. 2016-06-24. Version 0.7b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/booklet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/booklet>
  - *The ccaption package. Continuation headings and legends for floats*. 2016-06-24. Version 3.2c. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ccaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccaption>
  - *The changepage package. Margin adjustment and detection of odd/even pages*. 2016-06-24. Version 1.0c. LICENSE: lppl1.3  
 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>
  - *The hyphenat package. Disable/enable hyphenation*. 2016-06-24. Version 2.3c. LICENSE: lppl1.3  
 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 except it always (re)defines a command. There is also and for environments.  
 URL: <https://ctan.org/pkg/makecmds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
  - *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 .

- URL: <https://ctan.org/pkg/midpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
- Robertson, Will and Peter R. Wilson. *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 L<sup>A</sup>T<sub>E</sub>X 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 T<sub>E</sub>X. The so provided are mapped to various of the L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X 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 , and 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>
  - *The tocvsec2 package. Section numbering and table of contents control*. 2016-06-24. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tocvsec2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocvsec2>
  - *The verse package. Aids for typesetting simple verse*. 2016-06-24. Version 2.4b. LICENSE: lppl  
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>
  - *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.  
URL: <https://ctan.org/pkg/printlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/printlen>
- Robson, Adrian P. *The backnaur package. Typeset Backus Naur Form definitions*. 2020-01-11. Version 3.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/backnaur>  
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  
URL: <https://ctan.org/pkg/flowchart>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
  - *The makeshape package. Declare new PGF shapes*. 2016-06-24. Version 2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/makeshape>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/makeshape>
- 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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warpcol>
- Rochford, Peter A. *The navydocs package. Support for Technical Reports by US Navy Organizations*. 2016-07-13. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/navydocs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/navydocs>
- Roderick, David. *The binomexp package. Calculate Pascal's triangle*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/binomexp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/binomexp>
- Rødland, Einar Andreas. *The TeXcount package. Count words in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-10-28. Version 3.1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/texcount>  
MIRROR: <https://mirror.ctan.org/support/texcount>
- Rodrigues, Vinícius Barros. *The ecothesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for the Universidade Federal de Viçosa (UFV), Brazil*. 2018-06-20. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ecothesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
- Rodriguez, Dominique and Herbert Voß. *The pst-eucl package. Euclidian geometry with PSTricks*. 2020-09-29. Version 1.75. LICENSE: lppl. The package allows the drawing of Euclidean geometric figures using T<sub>E</sub>X macros for specifying mathematical constraints. It is thus possible to build point using common transformations or intersections. The use of coordinates is limited to points which controlled the figure.  
URL: <https://ctan.org/pkg/pst-eucl>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
- Rodriguez, M. César. *The emerald package. Support for the free emerald city fontwerks fonts*. 2016-06-24. LICENSE: other-nonfree  
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.  
URL: <https://ctan.org/pkg/aeguill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
- *The garrigues package. MetaPost macros for the reproduction of Garrigues' Easter nomogram*. 2021-08-26. LICENSE: lppl  
URL: <https://ctan.org/pkg/garrigues>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/garrigues>

- Roegel, Denis B. *The genealogy package. A compilation genealogy font*. 2017-02-19. LICENSE: lpl  
 URL: <https://ctan.org/pkg/genealogy>  
 MIRROR: <https://mirror.ctan.org/fonts/genealogy>
- *The metaobj package. MetaPost package providing high-level objects*. 2016-06-24. Version 0.93. LICENSE: lpl  
 URL: <https://ctan.org/pkg/metaobj>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metaobj>
  - *The pi package. Calculate pi*. 2019-10-01. Version 0.993. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pi>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/pi.tex>
  - *The suanpan package. MetaPost macros for drawing Chinese and Japanese abaci*. 2016-06-24. LICENSE: lpl  
 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: lpl. 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>
  - *The truchet package. Truchet tiling in MetaPost*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/truchet>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/truchet>
- Roegel, Denis B. and Andrej Brodnik. *The ipa package. L<sup>A</sup>T<sub>E</sub>X macros for using WSUIPA fonts*. 2019-06-21. Version 1.0. LICENSE: noinfo. The package comprises alternative L<sup>A</sup>T<sub>E</sub>X support of the fonts. On CTAN (and in the T<sub>E</sub>X Live distribution), these macros are to be found with the fonts themselves.  
 URL: <https://ctan.org/pkg/ipa>  
 MIRROR: <https://mirror.ctan.org/fonts/wsuiipa>
- Rogalla, Michael. *The REdit package. Menu-based editor*. 2016-06-24. Version 2.10. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/redit>  
 MIRROR: <https://mirror.ctan.org/support/redit>
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 URL: <https://ctan.org/pkg/customdice>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/customdice>
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 URL: <https://ctan.org/pkg/nimsticks>  
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 URL: <https://ctan.org/pkg/fnpara>  
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 URL: <https://ctan.org/pkg/desclist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 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>
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 URL: <https://ctan.org/pkg/mboxfill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The NCC-LaTeX package. An extended general-purpose class*. 2016-06-24. Version 1.5. LICENSE: lppl. The ncc class provides a framework for a common class to replace the standard article, book and report classes, and providing a “preprint” class. The class’s extensions are provided in a number of small packages, some of which may also be used with the standard classes. The ncclatex package also loads many of the packages of, and requires the latest version of the bundle.  
 URL: <https://ctan.org/pkg/ncclatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncclatex>
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 URL: <https://ctan.org/pkg/nccbbb>  
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 URL: <https://ctan.org/pkg/nccboxes>  
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 URL: <https://ctan.org/pkg/ncccomma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 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>  
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 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The nccmath package. Extended mathematics capabilities*. 2018-07-03. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 URL: <https://ctan.org/pkg/nccparskip>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
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 URL: <https://ctan.org/pkg/nccpic>  
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 URL: <https://ctan.org/pkg/nccrules>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccrules>
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 URL: <https://ctan.org/pkg/nccsect>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccsect>
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 URL: <https://ctan.org/pkg/nccstretch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccstretch>
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 URL: <https://ctan.org/pkg/nccthm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccthm>
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 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textarea>
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 URL: <https://ctan.org/pkg/tocenter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocenter>
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 URL: <https://ctan.org/pkg/topsection>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/topsection>
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 URL: <https://ctan.org/pkg/xtrcode>  
 MIRROR: <https://mirror.ctan.org/support/xtrcode>
- Ruedas, Thomas and Keiran Harcombe. *The texdoctk package. Easy access to package documentation*. 2021-06-10. Version 0.6.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/texdoctk>
- Ruiz, Alejandro Garces. *The bloques package. Generate control diagrams*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package uses to provide commands for generating control diagrams (specially in power electronics).  
 URL: <https://ctan.org/pkg/bloques>  
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Ryu, Young. *The pxfonts package. Palatino-like fonts in support of mathematics*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/pxfonts>  
MIRROR: <https://mirror.ctan.org/fonts/pxfonts>

— *The theapa package. APA (American Psychology Association) Reference Citation for L<sup>A</sup>T<sub>E</sub>X*. 2019-12-27. Version 2.5.1. LICENSE: noinfo. Certainly related to the same author’s citation package, but the actual relationship isn’t entirely clear.  
URL: <https://ctan.org/pkg/theapa>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/theapa>

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URL: <https://ctan.org/pkg/txfonts>  
MIRROR: <https://mirror.ctan.org/fonts/txfonts>

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URL: <https://ctan.org/pkg/eehyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/eehyph.tex>

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URL: <https://ctan.org/pkg/tabularew>  
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URL: <https://ctan.org/pkg/ejpecp>  
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URL: <https://ctan.org/pkg/tikzcodeblocks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzcodeblocks>

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URL: <https://ctan.org/pkg/sslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sslides>
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URL: <https://ctan.org/pkg/xpeek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xpeek>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subfiles>
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URL: <https://ctan.org/pkg/scyrillic>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/scyrillic>
- Sandmann, Søren. *The scale package. Scale document by sqrt(2) or magstep(2)*. 2016-06-24. Version 1.1.2. LICENSE: gpl. A package to scale a document by sqrt(2) (or by ). This is useful if you are preparing a document on, for example, A5 paper and want to print on A4 paper to achieve a better resolution.  
URL: <https://ctan.org/pkg/scale>  
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URL: <https://ctan.org/pkg/embedall>  
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URL: <https://ctan.org/pkg/rtf2latex2e>  
MIRROR: <https://mirror.ctan.org/support/rtf2latex2e>
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- *The metainfo package. Typeset document outline with metainfo*. 2016-06-24. Version 0.9.1. LICENSE: lppl. The package picks up  $\TeX$  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>
  - *The parcolumns package. Multiple column parallel typesetting*. 2016-06-24. LICENSE: lppl  
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 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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 MIRROR: <https://mirror.ctan.org/support/npp-for-context>
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 URL: <https://ctan.org/pkg/ecgdraw>  
 MIRROR: <https://mirror.ctan.org/graphics/ecgdraw>
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 URL: <https://ctan.org/pkg/jacow>  
 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>
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 URL: <https://ctan.org/pkg/window>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/window>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paralist>
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 URL: <https://ctan.org/pkg/adjustbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjustbox>
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 URL: <https://ctan.org/pkg/collcell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collcell>
  - *The collectbox package. Collect and process macro arguments as boxes*. 2022-10-26. Version 0.4c. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/collectbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collectbox>
  - *The ctanupload package. Support for users uploading to CTAN*. 2016-06-24. Version 1.2c. LICENSE: gpl3  
 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: lppl1.3c  
 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: lppl1.3  
 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: lppl1.3c. 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: lppl1.3. 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.  
 URL: <https://ctan.org/pkg/filemod>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filemod>
  - *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>

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 URL: <https://ctan.org/pkg/gobble>  
 MIRROR: <https://mirror.ctan.org/macros/generic/gobble>
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 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>X<sub>2</sub>ε 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>X<sub>2</sub>ε 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)TeX 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>
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 URL: <https://ctan.org/pkg/realboxes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/realboxes>
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 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>
  - *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.

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-prov>
- Scharrer, Martin. *The texdef package. Display the definitions of TeX 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  
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 URL: <https://ctan.org/pkg/nameauth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
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 URL: <https://ctan.org/pkg/schemata>  
 MIRROR: <https://mirror.ctan.org/macros/generic/schemata>
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 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>
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 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>
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 URL: <https://ctan.org/pkg/cwebbin>



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 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>
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 URL: <https://ctan.org/pkg/pwebmac>  
 MIRROR: <https://mirror.ctan.org/web/pwebmac>
- Schinke, Carsten. *The gbrief-creator package. A front end for the gbrief package*. 2016-06-24. Version 1.000 beta. LICENSE: nosource.  
 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/tsemilines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tsemilines>
- 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>
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MIRROR: <https://mirror.ctan.org/fonts/augie>
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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  
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MIRROR: <https://mirror.ctan.org/fonts/cmbright>
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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  
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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>
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URL: <https://ctan.org/pkg/eulervm>  
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URL: <https://ctan.org/pkg/fixmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmath>
  - *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.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>
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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>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yfonts>

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 MIRROR: <https://mirror.ctan.org/fonts/astro>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spectra>
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 URL: <https://ctan.org/pkg/combinedgraphics>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>
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 URL: <https://ctan.org/pkg/fullminipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullminipage>
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 URL: <https://ctan.org/pkg/ionumbers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ionumbers>
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 URL: <https://ctan.org/pkg/semesterplanner>  
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URL: <https://ctan.org/pkg/counttexruns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/counttexruns>
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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>
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URL: <https://ctan.org/pkg/dotarrow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotarrow>
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URL: <https://ctan.org/pkg/cell>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cell>
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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>  
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URL: <https://ctan.org/pkg/nar>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/nar.bst>
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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>
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URL: <https://ctan.org/pkg/underlin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underlin>
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URL: <https://ctan.org/pkg/verbatim>  
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URL: <https://ctan.org/pkg/bible>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utills/bible>

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 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>
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 URL: <https://ctan.org/pkg/wochtag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/wochtag.tex>
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 URL: <https://ctan.org/pkg/umrand>  
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 URL: <https://ctan.org/pkg/biblist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/biblist>
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 URL: <https://ctan.org/pkg/chbar>  
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  - *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>
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-animation>
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 URL: <https://ctan.org/pkg/one2many>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/12many>
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 URL: <https://ctan.org/pkg/inlinebib>  
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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/arabic.tex>
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 URL: <https://ctan.org/pkg/balancedquotes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/balancedquotes.sty>
- Seliger, Hendrik G. *The texlive-dummy-fedora package. Dummy T<sub>E</sub>X Live RPM for use with Fedora and similar distributions.* 2022-07-14. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/texlive-dummy-fedora>  
 MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/Fedora>
- Semken, Christoph. *The beamerappendixnote package. Create notes on appendix frames in beamer.* 2020-07-02. Version 1.2.0. LICENSE: lppl1.3c. This package introduces the command, which puts the note’s content on a separate beamer frame shown by the command . It also creates interactive buttons to move back and forth between the two frames.



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- Sen, Sunando. *The time-gen package. Print the time (12-hour clock)*. 2020-04-11. LICENSE: noinfo. A generic version of the functionality; uses registers without allocating them — a sin of which the L<sup>A</sup>T<sub>E</sub>X-based is not guilty.  
 URL: <https://ctan.org/pkg/time-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/time.sty>
- Sendoukas, Hippocrates. *The dviwin package. MS-Windows DVI screen and printer driver*. 2016-06-24. Version 2.9. LICENSE: pd  
 URL: <https://ctan.org/pkg/dviwin>  
 MIRROR: <https://mirror.ctan.org/dviware/dviwin>
- Senellart, Pierre. *The apxproof package. Proofs in appendix*. 2022-10-14. Version 1.2.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/apxproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apxproof>
- Senju, Jiro. *The dvisirule package. Superimpose the covered hline and vline in a L<sup>A</sup>T<sub>E</sub>X tabular/colortbl environment*. 2022-09-30. Version 2.1. LICENSE: gpl2+. Superimpose the covered hline and vline in a L<sup>A</sup>T<sub>E</sub>X / environment.  
 URL: <https://ctan.org/pkg/dvisirule>  
 MIRROR: <https://mirror.ctan.org/dviware/dvisirule>
- *The familytree package. Draw family trees*. 2022-07-15. Version 3.1. LICENSE: gpl2+  
 URL: <https://ctan.org/pkg/familytree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/familytree>
- Senn, Mark and James L. Schaad. *The dvibit package. DVI driver for BBN bitgraph terminal*. 2016-06-24. LICENSE: noinfo. Old enough that it uses files — possibly interesting for historical reasons.  
 URL: <https://ctan.org/pkg/dvibit>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibit>
- Sermutlu, Emre. *The compact-symbols package. Compact lists of symbols*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/compact-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/compact>
- Setzer, Nick. *The colorwav package. Colours by wavelength of visible light*. 2018-10-09. Version 1.0. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/colorwav>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorwav>
- *The cool package. CContent-Oriented L<sup>A</sup>T<sub>E</sub>X*. 2018-10-09. Version 1.35. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/cool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cool>
- *The coolist package. Manipulate CContent Oriented L<sup>A</sup>T<sub>E</sub>X Lists*. 2022-06-12. Version 1.4. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/coolist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coolist>
- *The coolstr package. String manipulation in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 2.2. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/coolstr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coolstr>
- *The dyntree package. Construct Dynkin tree diagrams*. 2018-10-09. Version 1.0. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/dyntree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dyntree>
- *The forloop package. Iteration in L<sup>A</sup>T<sub>E</sub>X*. 2018-10-09. Version 3.0. LICENSE: lgpl. The package provides a command for doing iteration in L<sup>A</sup>T<sub>E</sub>X macro programming.  
 URL: <https://ctan.org/pkg/forloop>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forloop>
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 URL: <https://ctan.org/pkg/easylatex>  
 MIRROR: <https://mirror.ctan.org/support/easylatex>
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 URL: <https://ctan.org/pkg/bihead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bihead.sty>
- Shapour, Madadpour. *The alpha-persian package. Persian version of alpha.bst*. 2019-03-10. Version 1.3. LICENSE: lppl1.3c. The package provides a Persian version of the BibTeX style and offers several enhancements. It is compatible with the , , , and packages.  
 URL: <https://ctan.org/pkg/alpha-persian>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/alpha-persian>

- Sharpe, Michael. *The algolrevived package. A revival of Frutiger's Algol alphabet.* 2020-11-05. Version 1.052. LICENSE: ofl,lppl1.3c  
 URL: <https://ctan.org/pkg/algolrevived>  
 MIRROR: <https://mirror.ctan.org/fonts/algolrevived>
- *The baskervaldx package. Extension and modification of BaskervaldADF with L<sup>A</sup>T<sub>E</sub>X support.* 2020-12-06. Version 1.076. LICENSE: gpl2+,lppl1.3. Extends and modifies the font (a Baskerville substitute) with more accented glyphs, with small caps and oldstyle figures in all shapes. Includes OpenType and PostScript fonts, as well as L<sup>A</sup>T<sub>E</sub>X support files.  
 URL: <https://ctan.org/pkg/baskervaldx>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervaldx>
  - *Thebaskervillef package. Fry's Baskerville look-alike, with math support.* 2020-06-07. Version 1.051. LICENSE: ofl,lppl1.3. BaskervilleF is a fork from the (Roman, Italic, Bold only) released under the OFL by Paolo Impallari and Rodrigo Fuenzalida. Their fonts are optimized for web usage, while BaskervilleF is optimized for traditional T<sub>E</sub>X usage, normally destined for production of pdf files. A bold italic style was added and mathematical support is offered as an option to .  
 URL: <https://ctan.org/pkg/baskervillef>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervillef>
  - *The bboldx package. Extension of the bbold package with a Blackboard Bold alphabet.* 2022-12-31. Version 1.032. LICENSE: other-free. Extension of to a package with three weights, of which the original is considered as light and the additions as regular and bold.  
 URL: <https://ctan.org/pkg/bboldx>  
 MIRROR: <https://mirror.ctan.org/fonts/bboldx>
  - *The bickham package. Virtual fonts for Adobe Bickham Script Pro.* 2019-05-21. Version 1.1. LICENSE: lppl. The bundle provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for Adobe Bickham Script Pro as a math calligraphic font in regular and bold weights. The most recent version of offers support for these virtual fonts.  
 URL: <https://ctan.org/pkg/bickham>  
 MIRROR: <https://mirror.ctan.org/fonts/bickham>
  - *The boondox package. Mathematical alphabets derived from the STIX fonts.* 2017-02-26. Version 1.02d. LICENSE: ofl,lppl. The package contains a number of PostScript fonts derived from the OpenType fonts that may be used in maths mode in regular and bold weights for calligraphic, fraktur and double-struck alphabets. Virtual fonts with metrics suitable for maths mode are provided, as are L<sup>A</sup>T<sub>E</sub>X support files.  
 URL: <https://ctan.org/pkg/boondox>  
 MIRROR: <https://mirror.ctan.org/fonts/boondox>
  - *The cochineal package. Cochineal fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-02-16. Version 1.077. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/cochineal>  
 MIRROR: <https://mirror.ctan.org/fonts/cochineal>
  - *The DSSerif package. A double-struck serif font for mathematical use.* 2021-10-30. Version 1.031. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/dsserif>  
 MIRROR: <https://mirror.ctan.org/fonts/dsserif>
  - *The dutchcal package. A reworking of ESSTIX13, adding a bold version.* 2019-05-21. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dutchcal>  
 MIRROR: <https://mirror.ctan.org/fonts/dutchcal>
  - *The erewhon package. Font package derived from Heuristica and Utopia.* 2022-05-16. Version 1.12. LICENSE: ofl,lppl1.3. Erewhon is based on the package, which is based in turn on . Erewhon adds a number of new features — small caps in all styles rather than just regular, added figure styles (proportional, inferior, numerator, denominator) and superior letters. The size is 6% smaller than Heuristica, matching that of UtopiaStd.  
 URL: <https://ctan.org/pkg/erewhon>  
 MIRROR: <https://mirror.ctan.org/fonts/erewhon>
  - *The esstix package. PostScript versions of the ESSTIX, with macro support.* 2016-06-24. Version 1.0. LICENSE: ofl  
 URL: <https://ctan.org/pkg/esstix>  
 MIRROR: <https://mirror.ctan.org/fonts/esstix>
  - *The ETbb package. An expansion of Edward Tufte's ET-Bembo family.* 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
 URL: <https://ctan.org/pkg/etbb>  
 MIRROR: <https://mirror.ctan.org/fonts/etbb>
  - *The fbb package. A free Bembo-like font.* 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/fbb>  
 MIRROR: <https://mirror.ctan.org/fonts/fbb>
  - *The garamondx package. 'Expert'-like extensions to URW Garamond, and maths italic.* 2021-09-11. Version 1.21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/garamondx>  
 MIRROR: <https://mirror.ctan.org/fonts/garamondx>

- Sharpe, Michael. *The heuristica package. Fonts extending Utopia, with L<sup>A</sup>T<sub>E</sub>X support files*. 2019-06-11. Version 1.092. LICENSE: ofl  
 URL: <https://ctan.org/pkg/heuristica>  
 MIRROR: <https://mirror.ctan.org/fonts/heuristica>
- *The libertinec package. Libertine add-on to support Greek and Cyrillic*. 2017-06-16. Version 1.01. LICENSE: lppl1.3. The package provides L<sup>A</sup>T<sub>E</sub>X support files to access the Greek and Cyrillic glyphs in LinuxLibertine. It functions as an add-on to the package, using filenames and macro names that are compatible with that package. Supported encodings: LGR, T2A, T2B, T2C, OT2.  
 URL: <https://ctan.org/pkg/libertinec>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinec>
  - *The LibertinusT1Math package. A Type 1 font and L<sup>A</sup>T<sub>E</sub>X support for Libertinus Math*. 2022-01-26. Version 2.0.2. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/libertinust1math>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinust1math>
  - *The mathalpha package. General package for loading maths alphabets in L<sup>A</sup>T<sub>E</sub>X*. 2021-11-18. Version 1.143. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mathalpha>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathalpha>
  - *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, otf 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>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
  - *The pstdoc package. A tool for PSTricks documentation*. 2018-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstdoc>  
 MIRROR: <https://mirror.ctan.org/info/pstdoc>
  - *The ptmsc package. Addon to the newtx package*. 2021-09-11. Version 1.1. LICENSE: lppl1.3. This is an addon to the package that allows the substitution of the commercial Adobe TimesSC fonts for the default upright small caps in .  
 URL: <https://ctan.org/pkg/ptmsc>  
 MIRROR: <https://mirror.ctan.org/fonts/ptmsc>

- Sharpe, Michael. *The ptxalfa 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/ptxalfa>  
MIRROR: <https://mirror.ctan.org/fonts/ptxalfa>
- *The rsfs 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/rsfs>  
MIRROR: <https://mirror.ctan.org/fonts/rsfs>
  - *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 TXUprCal 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>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob package. Array data structures for (La)TeX*. 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjob>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjob>
- *The arrayjobx package. Array data structures for (La)TeX*. 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjobx>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjobx>
- Sharpsten, Christian. *The armymemo package. A document class for Army memorandums in accordance with AR 25-50*. 2019-01-28. Version 1.0.0. LICENSE: gpl2  
URL: <https://ctan.org/pkg/armymemo>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/armymemo>
- Shashkov, Sergey. *The russ package. L<sup>A</sup>T<sub>E</sub>X in Russian, without babel*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/russ>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>



- Shawyer, Bruce. *The fullpict package. Full page pictures*. 2016-06-24. LICENSE: noinfo. The package provides picture-mode environments whose size is related to the size of the page. The fullpict environment takes arguments to specify the dimension of the picture in picture mode ‘unit lengths’; the value for is defined by the fact that the picture is to be 90% of . Similar environments halfpict (half the width of fullpict), and scalepict (a given percentage of the width of fullpict), are also defined.  
 URL: <https://ctan.org/pkg/fullpict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
- Shell, Michael. *The IEEEtran package. Document class for IEEE Transactions journals and conferences*. 2021-06-24. Version 1.8b. LICENSE: lppl1.3  
 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>
  - *The testflow package. A tool to validate PS/PDF output from L<sup>A</sup>T<sub>E</sub>X*. 2021-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/testflow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/testflow>
- Shepherd, James. *The jasthesis package. A ‘standard’ thesis class*. 2016-06-24. Version 0.5. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/jasthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jasthesis>
- Sherman, Heather. *The envelope package. Print envelopes*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/envelope>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/envelope>
- Shibakov, Alexander. *The splint package. Write LALR(1) parsers in T<sub>E</sub>X using bison and flex*. 2020-10-11. Version 1.1.0. LICENSE: gpl3+. The bundle provides the means of building parsers and scanners in T<sub>E</sub>X. and are used to create the tables that drive the automata programmed as T<sub>E</sub>X macros.  
 URL: <https://ctan.org/pkg/splint>  
 MIRROR: <https://mirror.ctan.org/support/splint>
- Shigeru, Miyata. *The xetex-pstricks package. Running PSTricks under XeT<sub>E</sub>X*. 2018-09-15. LICENSE: pd  
 URL: <https://ctan.org/pkg/xetex-pstricks>  
 MIRROR: <https://mirror.ctan.org/graphics/xetex/pstricks>
- Shipunov, Alexey. *The altverse package. Typesetting verse*. 2019-10-07. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/altverse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/altverse.sty>
- *The autolist package. More lists*. 2019-10-07. Version 0.4. LICENSE: lppl1.3  
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- Smith, Brian. *The transfig package. Transform xfig pictures into many other formats*. 2016-06-24. Version 3.2.4. LICENSE: bsd. Tanslates figures generated by to a large variety of formats.  
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- Smith, Cameron. *The genindex package. Alternative index series.* 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/genindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/genindex>
- *The pageframe package. Page frames, grids, etc., for L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pageframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/pageframe>
  - *The wrtfile package. Write T<sub>E</sub>X files from a T<sub>E</sub>X document.* 2016-06-24. LICENSE: other-free. Wrtfile is a means of creating self-extracting distributions in T<sub>E</sub>X files; it is similar in conception to the L<sup>A</sup>T<sub>E</sub>X mechanism, but is somewhat more efficient. Wrtfile is (of course) distributed using its own mechanisms.  
 URL: <https://ctan.org/pkg/wrtfile>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/wrtfile>
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 URL: <https://ctan.org/pkg/lettermac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/lettermac.tex>
- *The make-env package. Print USPS standard envelopes.* 2016-06-24. LICENSE: noinfo. The package prints USPS standard envelopes, using the author's and packages.  
 URL: <https://ctan.org/pkg/make-env>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/make-env>
  - *The zip package. Barcodes for USA ZIP code.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/zip>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/zip.tex>
- Smith, John. *The accfonts package. Utilities to derive new fonts from existing ones.* 2018-01-06. Version 0.25. LICENSE: gpl. The accfonts package contains three utilities to permit easy manipulation of fonts, in particular the creation of unusual accented characters. Mkt1font works on Adobe Type 1 fonts, vpl2vpl works on T<sub>E</sub>X virtual fonts and vpl2ovp transforms a T<sub>E</sub>X font to an Omega one. All three programs read in a font (either the font itself or a property list), together with a simple definition file containing lines such as “; they then write out a new version of the font with the requested new characters in the numerical slots specified. Great care is taken over the positioning of accents, and over the provision of kerning information for new characters; mkt1font also generates suitable “hints” to enhance quality at small sizes or poor resolutions. The programs are written in Perl.  
 URL: <https://ctan.org/pkg/accfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/accfonts>
- *The induni-om package. Omega fonts for characters used in study of Sanskrit.* 2020-06-07. LICENSE: gpl. The files are a comprehensive set of virtual fonts for the Latin glyphs used in the study of Sanskrit and similar languages. The virtual fonts are built for use with , and use the as base fonts.  
 URL: <https://ctan.org/pkg/induni-om>  
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- Smith, Nathaniel J. *The apa6e package. Format manuscripts to APA 6th edition guidelines.* 2016-06-24. Version 0.3. LICENSE: bsd. This is a minimalist class file for formatting manuscripts in the style described in the American Psychological Association (APA) 6th edition guidelines. The class provides better coverage of the requirements.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apa6e>
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 URL: <https://ctan.org/pkg/rsfs>  
 MIRROR: <https://mirror.ctan.org/fonts/rsfs>
- Smith, Steven T. *The arrow package. Eplain macros for commutative diagrams.* 2018-01-06. Version 1.0. LICENSE: gpl. While this package is distributed as part of , it takes special precautions in support of its aim of working within L<sup>A</sup>T<sub>E</sub>X documents.  
 URL: <https://ctan.org/pkg/arrow>  
 MIRROR: <https://mirror.ctan.org/macros/eplain/tex/arrow.tex>
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 URL: <https://ctan.org/pkg/xmpinc1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmpinc1>
- Sneep, Maarten and Heiko Oberdiek. *The doi package. Create correct hyperlinks for DOI numbers.* 2018-09-09. LICENSE: lppl. You can hyperlink DOI numbers to . However, some publishers have elected to use nasty characters in their DOI numbering scheme (‘<’, ‘>’, ‘\_’ and ‘;’ have all been spotted). This will either upset (La)TeX, or your PDF reader. This package contains a single user-level

- command, which takes a DOI number, and creates a correct hyperlink to the target of the DOI.  
 URL: <https://ctan.org/pkg/doi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doi>
- Snick, Romeo Van. *The mattex package. Import Matlab values to L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/mattex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mattex>
- Snippe, Max J.W. *The robotarm package. TikZ powered L<sup>A</sup>T<sub>E</sub>X package to draw parameterized 2D robot arms*. 2022-04-08. Version 0.1. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package uses to draw parameterized 2D robot arms, for example to be used in educational material.  
 URL: <https://ctan.org/pkg/robotarm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/robotarm>
- Södergran, Salome. *The koma-moderncvclassic package. Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX*. 2016-06-24. Version 0.5. LICENSE: lppl1.3. This package provides an imitation of the class with the classic style (by Xavier Danaux), to be used in conjunction with the . Thus it is possible to configure pagelayout, headings etc. the way it is done in koma-classes. Moreover, it is possible to use BibLaTeX, while the original moderncv-class is incompatible with BibLaTeX.  
 URL: <https://ctan.org/pkg/koma-moderncvclassic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-moderncvclassic>
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 URL: <https://ctan.org/pkg/komacv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/komacv>
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 URL: <https://ctan.org/pkg/juramisc>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kalender>
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 URL: <https://ctan.org/pkg/pst-perspective>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-perspective>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pulley>
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 URL: <https://ctan.org/pkg/templates-sommer>  
 MIRROR: <https://mirror.ctan.org/info/templates/sommer>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
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 URL: <https://ctan.org/pkg/caption2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The ltcaption package. Fix some caption problems in longtables*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The newfloat package. Define new floating environments*. 2019-11-27. Version 1.1l. LICENSE: lppl1.3. The package offers the command `\newfloat`, which the user may use to define new floating environments which behave like the L<sup>A</sup>T<sub>E</sub>X standard floating environments and `\float`.  
 URL: <https://ctan.org/pkg/newfloat>  
 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>
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 URL: <https://ctan.org/pkg/subcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/totalcount>
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 URL: <https://ctan.org/pkg/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.

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URL: <https://ctan.org/pkg/statex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex>
- *The statex2 package. Statistics style.* 2016-06-24. Version 2.1. LICENSE: lppl. The package defines many macros for items of significance in statistical presentations. It represents a syntax-incompatible upgrade of .  
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>  
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- *The lamstex-index package. Index processor for LamsTeX*. 2016-06-24. LICENSE: pd  
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 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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 URL: <https://ctan.org/pkg/xml2pmx>  
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- Spratte, Jonathan P. *The clrstrip package. Place contents into a full width colour strip*. 2021-08-29. LICENSE: lppl1.3c. This lightweight package provides the environment, that places its contents into a full page width colour strip.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrstrip>
- *The ducksay package. Draw ASCII art of animals saying a specified message*. 2022-10-08. Version 2.6. LICENSE: lppl1.3c  
 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>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-cs>
  - *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>  
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  - *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>  
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  - *The grabbox package. Read an argument into a box and execute the code afterwards*. 2022-12-07. 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>  
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 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>
- Spratte, Jonathan P. *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>
- Spreng, Stefan. *The listofsymbols package. Create and manipulate lists of symbols*. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/listofsymbols>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listofsymbols>
- Spribille, 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.  
URL: <https://ctan.org/pkg/adrlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adrlist>
- Springer Verlag. *The springer package. Macros for Springer journals*. 2016-06-24. Version 1.8. LICENSE: noinfo  
URL: <https://ctan.org/pkg/springer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/springer/svjour>
- Srinivasan, K. *The adami package. A DOS system for working with Tamil*. 2016-06-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/adami>  
MIRROR: <https://mirror.ctan.org/language/indian/adami90.zip>
- Staats, Michale and Denis Endisch. *The untex package. Strip (La)TeX commands from source file*. 2016-06-24. Version 1.2. LICENSE: gpl  
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>
  - *The rulercompass package. A TikZ library for straight-edge and compass diagrams*. 2016-06-24. Version 1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/rulercompass>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/rulercompass>
  - *The spath3 package. Manipulate “soft paths” in PGF*. 2022-10-26. Version 2.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/spath3>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/spath3>
  - *The tikzmark package. Use TikZ's method of remembering a position on a page*. 2022-10-26. Version 1.15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikzmark>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmark>
  - *The tqft package. Drawing TQFT diagrams with TikZ/PGF*. 2017-06-01. Version 2.1. LICENSE: lppl1.3. The package defines some node shapes useful for drawing TQFT diagrams with . That is, it defines highly customisable shapes that look like cobordisms between circles, such as those used in TQFT and other mathematical diagrams.

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

Stachelek, Joseph. *The tikz-lake-fig package*. Schematic diagrams of lakes. 2020-05-31. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-lake-fig>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-lake-fig>

Stajano, Frank. *The fixbbl package*. Patch bibliographies inappropriately broken by BibTeX. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/fixbbl>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/fixbbl>

Stambulchik, Evgeny. *The pdfpc package*. Define data for the pdfpc presentation viewer. 2022-07-10. Version 0.7.0. LICENSE: gpl3+  
URL: <https://ctan.org/pkg/pdfpc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpc>

Stanier, Alan. *The cherokee package*. A font for the Cherokee script. 2016-06-24. LICENSE: other-free  
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>
- *The shavian package*. A Shavian spelling alphabet font. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/shavian>  
MIRROR: <https://mirror.ctan.org/fonts/shavian>
- *The SouthArabian package*. A font for an archaic South Arabia script. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/southarabian>  
MIRROR: <https://mirror.ctan.org/fonts/southarabian>
- *The syriac package*. A font for Syriac written in Estrangelo. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/syriac>  
MIRROR: <https://mirror.ctan.org/fonts/syriac>
- *The ugaritic package*. A font for Ugaritic. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ugaritic>  
MIRROR: <https://mirror.ctan.org/fonts/ugaritic>

Stanier, Alan, Robin Fairbairns, and David Carlisle. *The ogham package*. Fonts for typesetting Ogham script. 2018-09-15. LICENSE: pd  
URL: <https://ctan.org/pkg/ogham>  
MIRROR: <https://mirror.ctan.org/fonts/ogham>

Stanley, Paul. *The oscola package*. BibL<sup>A</sup>T<sub>E</sub>X style for the Oxford Standard for the Citation of Legal Authorities. 2020-03-15. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/oscola>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/oscola>

Staps, Camil. *The bibletext package*. Insert Bible passages by their reference. 2017-09-02. Version 0.1.2. LICENSE: mit  
URL: <https://ctan.org/pkg/bibletext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibletext>

- Staps, Camil. *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>  
 MIRROR: <https://mirror.ctan.org/graphics/fig2mf>
- 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.  
 URL: <https://ctan.org/pkg/fastpictex>  
 MIRROR: <https://mirror.ctan.org/support/fastpictex>
- Steensgaard, Jørgen. *The ebook package. Helps creating an ebook by providing an ebook class*. 2018-01-07. LICENSE: pd  
 URL: <https://ctan.org/pkg/ebook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ebook>
- Stefanović, Uroš. *The cmsrb package. Computer Modern for Serbian and Macedonian*. 2020-03-30. Version 4.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cmsrb>  
 MIRROR: <https://mirror.ctan.org/fonts/cmsrb>
- *The cmupint package. Upright integral symbols for Computer Modern*. 2020-04-13. Version 1.1. LICENSE: lppl  
 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 bardia 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/bardia>  
MIRROR: <https://mirror.ctan.org/graphics/bardia>
- *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 lualatex-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/lualatex-math>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lualatex-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/lualatex-platform>  
MIRROR: <https://mirror.ctan.org/obsolete/systems/luatex/contrib/lualatex-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>X2.09 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>X2e, , and .

- URL: <https://ctan.org/pkg/texed>  
MIRROR: <https://mirror.ctan.org/systems/os2/texed>
- Stoffel, Augusto. *The digestif package. Editor plugin for L<sup>A</sup>T<sub>E</sub>X, ConTeXt etc.* 2022-12-08. Version 0.5.1. LICENSE: gpl3+,lppl1.3,fdl  
URL: <https://ctan.org/pkg/digestif>  
MIRROR: <https://mirror.ctan.org/support/digestif>
- *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.* 2022-12-13. 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 where 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)
  - *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)



- Story, Donald P. *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>
  - *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>

Story, Donald P. *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>

— *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>

- Story, Donald P. *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>
  - *The pmdb package. Create a DB (PDF) document for selecting content for inclusion in another documents.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/pmdb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>
  - *The popupmenu package. Create popup menus in PDF files.* 2021-09-11. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/popupmenu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
  - *The qrcstamps package. Create QR codes using stamps.* 2021-09-11. Version 1.0. LICENSE: lppl1.2  
 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)
  - *The thorshammer package. Assessment based on AcroTeX quizzes.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/thorshammer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>
  - *The tile-graphic package. Create tiles of a graphical file.* 2020-05-31. LICENSE: lppl1.2. This package breaks a given graphical file into rows and columns of subgraphics, which are called tiles. The tiles can be written separately to individual PDF files, or packaged into a single PDF file.

URL: <https://ctan.org/pkg/tile-graphic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>

Story, Donald P. *The xbmks package. Create a cross-document bookmark tree.* 2020-01-18. LICENSE: lppl1.2  
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>

Straathof, Bas. *The har2nat package. Replace the harvard package with natbib.* 2019-09-28. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/har2nat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/har2nat>

Strasser, Georg. *The beamertheme-upenn-bc package. Beamer themes for Boston College and the University of Pennsylvania.* 2017-11-20. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/beamertheme-upenn-bc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>

Straub, Pablo A. and Heiko Oberdiek. *The askinclude package. Interactive use of \includeonly.* 2020-04-13. Version 2.7. LICENSE: lppl1.3.  
The package asks the user which files to put in a command. There is provision for answering “same as last time” or “all files”.  
URL: <https://ctan.org/pkg/askinclude>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/askinclude>

Straube, Hilmar. *The tktexcad package. Generate L<sup>A</sup>T<sub>E</sub>X picture environments.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/tktexcad>  
MIRROR: <https://mirror.ctan.org/graphics/tktexcad>

Strauman, Andreas Storvik. *The exercisebank package. Creating and managing exercises, and reusing them as composed sets.* 2019-03-18. Version 0.3.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/exercisebank>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>

– *The handin package. Light weight template for creating school submissions using L<sup>A</sup>T<sub>E</sub>X.* 2018-07-22. Version 0.1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/handin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/handin>

– *The includerNw package. Include .Rnw inside .tex.* 2018-05-01. Version 0.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/includerNw>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/includerNw>

Strauß, Martin. *The tcltexed package. L<sup>A</sup>T<sub>E</sub>X editor written in TCL.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/tcltexed>  
MIRROR: <https://mirror.ctan.org/support/tcltexed>

Strip, David. *The cassette package. Typeset cassette box inserts.* 2016-06-24. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/cassette>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cassette.tex>

Strokov, Igor. *The streetex package. Structural organic chemistry.* 2016-06-24. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/streetex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/streetex>

Struve, Dirk. *The texshell32 package. A free T<sub>E</sub>XShell for MS-Windows 95 and NT.* 2016-06-24. Version 0.71. LICENSE: gpl  
URL: <https://ctan.org/pkg/texshell32>  
MIRROR: <https://mirror.ctan.org/systems/win32/texshell32>

Stuart, Louis. *The beamerauxtheme package. Supplementary outer and inner themes for beamer.* 2020-08-10. Version 1.02a. LICENSE: lppl1.3c. This bundle provides a collection of inner and outer themes as supplements to the default themes in the distribution. These themes can be used in combination with existing inner, outer, and color themes.  
URL: <https://ctan.org/pkg/beamerauxtheme>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerauxtheme>

Stubner, Ralf. *The fp1 package. SC and OsF fonts for URW Palladio L.* 2019-01-04. Version 1.003. LICENSE: gpl2,lppl  
URL: <https://ctan.org/pkg/fp1>  
MIRROR: <https://mirror.ctan.org/fonts/fp1>

Stuetz, Markus. *The callouts package. Put simple annotations and notes inside a picture.* 2017-07-27. LICENSE: lppl. The package defines the environment in which callouts, notes, arrows, and the like can be placed to describe certain parts of a picture.  
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>
- *The stubs package. Create tear-off stubs at the bottom of a page.* 2016-06-24. Version 0.1.1. LICENSE: gpl. The command creates as many repetitions as possible of its argument, at the bottom of the page; these stubs may be used (for example) for contact information.  
 URL: <https://ctan.org/pkg/stubs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stubs>
- Stupp, Gideon. *The ntabbing package. Simple tabbing extension for automatic line numbering.* 2016-06-24. LICENSE: noinfo. An extension of the tabbing environment that supports automatic line numbering. The lines can be referenced using the standard and mechanism.  
 URL: <https://ctan.org/pkg/ntabbing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ntabbing>
- Sturm, Thomas F. *The csvsimple package. Simple CSV file processing.* 2022-09-20. Version 2.3.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/csvsimple>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csvsimple>
- *The genealogytree package. Pedigree and genealogical tree diagrams.* 2022-03-17. Version 2.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/genealogytree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genealogytree>
  - *The incgraph package. Sophisticated graphics inclusion in a PDF document.* 2021-10-20. Version 1.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/incgraph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/incgraph>
  - *The mercatormap package. Spherical Mercator coordinate systems and Web Mercator tile integration.* 2020-08-06. Version 1.02. LICENSE: lppl1.3  
 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>
- Suárez, Fausto Mauricio Lagos. *The maker package. Include Arduino or Processing code in L<sup>A</sup>T<sub>E</sub>X documents.* 2017-07-19. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/maker>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maker>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hitreport>



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 MIRROR: <https://mirror.ctan.org/info/tlmgr-intro-zh-cn>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 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>
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 URL: <https://ctan.org/pkg/bits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
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 URL: <https://ctan.org/pkg/blkcntrl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/compsci>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 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>
  - *The frankenbundle package. Develop and distribute L<sup>A</sup>T<sub>E</sub>X packages and classes and BibTeX styles*. 2016-06-24. Version 1.10. LICENSE: pd  
 URL: <https://ctan.org/pkg/frankenbundle>  
 MIRROR: <https://mirror.ctan.org/support/frankenbundle>
  - *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>

- Swift, Matt. *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>  
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 URL: <https://ctan.org/pkg/relsize>  
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 URL: <https://ctan.org/pkg/laletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/laletter>
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 URL: <https://ctan.org/pkg/lamemo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/lamemo>
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 URL: <https://ctan.org/pkg/aboensis>  
 MIRROR: <https://mirror.ctan.org/fonts/aboensis>
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 URL: <https://ctan.org/pkg/foliono>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foliono>
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 URL: <https://ctan.org/pkg/missaali>  
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 URL: <https://ctan.org/pkg/bib-greek>  
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- *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/mkgrkindex>
  - *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>
  - *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*. 2022-12-14. 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: lppl  
 URL: <https://ctan.org/pkg/staves>  
 MIRROR: <https://mirror.ctan.org/language/staves>

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 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 Xe<sub>Λ</sub>TeX*. 2019-11-14. Version 1.0. LICENSE: lppl1.3. The package extends package so it can be used with Xe<sub>Λ</sub>TeX. It introduces the new option for use with Xe<sub>Λ</sub>TeX. 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: lppl1.3c  
 URL: <https://ctan.org/pkg/xecyrmongolian>  
 MIRROR: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>
  - *The xesoul package. Use the soul package with Xe<sub>Λ</sub>TeX*. 2021-04-08. Version 1.0. LICENSE: lppl1.3c. This package allows the use of the package (hyphenation within letterspacing, underlining and others) with Xe<sub>Λ</sub>TeX.  
 URL: <https://ctan.org/pkg/xesoul>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xesoul>
  - *The xetex-greek package. Hyphenation for different variants of Greek, under XeTeX*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xetex-greek>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>
  - *The xgreek package. Greek Language Support for Xe<sub>Λ</sub>TeX and LuaLaTeX*. 2022-09-05. Version 3.2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xgreek>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xgreek>
- Syropoulos, Apostolos and Jens Elstner. *The xespotcolor package. Spot colours support for Xe<sub>Λ</sub>TeX*. 2021-03-06. Version 2.1. LICENSE: lppl1.3c  
 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: lppl1.3. 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>
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 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: lppl1.3  
 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>
- *The decimal package. L<sup>A</sup>T<sub>E</sub>X package for the English raised decimal point*. 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/decimal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/decimal>
  - *The mathspic package. A Perl filter program for use with PiCTeX*. 2016-06-24. Version 1.13. LICENSE: lppl  
 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>
- Szabó, Péter. *The a2ping package. Advanced PS, PDF, EPS converter*. 2019-11-28. Version 2.84p. LICENSE: gpl. a2ping is a Perl script command line utility written for Unix that converts many raster image and vector graphics formats to EPS or PDF and other page description formats. Accepted input file formats are: PS (PostScript), EPS, PDF, PNG, JPEG, TIFF, PNM, BMP, GIF, LBM, XPM, PCX, TGA. Accepted output formats are: EPS, PCL5, PDF, PDF1, PBM, PGM, PPM, PS, markedEPS, markedPS, PNG, XWD, BMP, TIFF, JPEG, GIF, XPM. a2ping delegates the low-level work to Ghostscript (GS), pdftops and . a2ping fixes many glitches during the EPS to EPS conversion, so its output is often more compatible and better embeddable than its input.  
 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 LuaLaTeX*. 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 LuaLaTeX.  
 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+  
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 MIRROR: <https://mirror.ctan.org/graphics/ketcindy>
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 MIRROR: <https://mirror.ctan.org/support/bib2gls>
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 URL: <https://ctan.org/pkg/csvtools>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>
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 URL: <https://ctan.org/pkg/datatool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool>
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 MIRROR: <https://mirror.ctan.org/support/datatooltk>



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URL: <https://ctan.org/pkg/datetime>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
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URL: <https://ctan.org/pkg/datetime2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>
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URL: <https://ctan.org/pkg/datetime2-en-fulltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>
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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>
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URL: <https://ctan.org/pkg/datetime2-greek>  
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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*. 2022-12-06. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-icelandic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-icelandic>

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>
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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>
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URL: <https://ctan.org/pkg/datetime2-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
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URL: <https://ctan.org/pkg/datetime2-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-polish>
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URL: <https://ctan.org/pkg/datetime2-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-portuges>
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URL: <https://ctan.org/pkg/datetime2-russian>  
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URL: <https://ctan.org/pkg/datetime2-scottish>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovak>
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URL: <https://ctan.org/pkg/datetime2-slovene>  
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URL: <https://ctan.org/pkg/datetime2-spanish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-spanish>
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URL: <https://ctan.org/pkg/datetime2-swedish>  
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URL: <https://ctan.org/pkg/datetime2-turkish>  
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- *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>  
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URL: <https://ctan.org/pkg/datetime2-welsh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>

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 URL: <https://ctan.org/pkg/dickimaw>  
 MIRROR: <https://mirror.ctan.org/info/dickimaw>
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 URL: <https://ctan.org/pkg/doipubmed>  
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 URL: <https://ctan.org/pkg/flowfram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flowfram>
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 URL: <https://ctan.org/pkg/glossaries>  
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- *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>
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 URL: <https://ctan.org/pkg/glossaries-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
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 URL: <https://ctan.org/pkg/glossaries-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-german>
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 URL: <https://ctan.org/pkg/glossaries-irish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-irish>
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 URL: <https://ctan.org/pkg/glossaries-italian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-italian>
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 URL: <https://ctan.org/pkg/glossaries-magyar>  
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 URL: <https://ctan.org/pkg/glossaries-polish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-polish>

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URL: <https://ctan.org/pkg/glossaries-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>
- Talbot, Nicola. *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>
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URL: <https://ctan.org/pkg/nlctdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>
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URL: <https://ctan.org/pkg/pressrelease>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pressrelease>
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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>
- *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.* 2022-12-13. Version 1.6.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tracklang>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tracklang>
- Talbot, Nicola. *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 reimplementation 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>
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 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>
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 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  
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 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>
- *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. MusicT<sub>E</sub>X is a set of macros, that first demonstrated the technique of simultaneous two-dimensional typesetting as applied to music. MusicT<sub>E</sub>X 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>

Taupin, Daniel. *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  $\TeX$  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  $\TeX$  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  $\TeX$  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  $\LaTeX$  , 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>

— *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  $\TeX$  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  $\TeX$ ”. 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>  
 MIRROR: <https://mirror.ctan.org/macros/generic/autoalign>
  - *The chemfig package*. Draw molecules with easy syntax. 2022-09-27. Version 1.6c. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/chemfig>  
 MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
  - *The dijkstra package*. Dijkstra algorithm for  $\LaTeX$ . 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dijkstra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>
  - *The hlist package*. Horizontal and columned lists. 2017-08-08. Version 0.11. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hlist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/hlist>
  - *The scratch package*. Draw programs like “scratch”. 2019-02-19. Version 0.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scratch>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/scratch>
  - *The scratch3 package*. Draw programs like “scratch”. 2022-02-06. Version 0.19. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scratch3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scratch3>
  - *The simplekv package*. A simple key/value system for  $\TeX$  and  $\LaTeX$ . 2022-10-01. Version 0.2a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/simplekv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/simplekv>
  - *The spreadtab package*. Spreadsheet features for  $\LaTeX$  tabular environments. 2019-02-27. Version 0.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/spreadtab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spreadtab>
  - *The systeme package*. Format systems of equations. 2020-05-03. Version 0.34. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/systeme>  
 MIRROR: <https://mirror.ctan.org/macros/generic/systeme>
  - *The tabularcalc package*. Calculate formulas in a tabular environment. 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tabularcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularcalc>
  - *The xstring package*. String manipulation for (La)TeX. 2021-07-21. Version 1.84. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xstring>  
 MIRROR: <https://mirror.ctan.org/macros/generic/xstring>
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 URL: <https://ctan.org/pkg/listofitems>  
 MIRROR: <https://mirror.ctan.org/macros/generic/listofitems>
- Tennent, Bob. *The accanthis package*. Accanthis fonts, with  $\LaTeX$  support. 2022-10-28. LICENSE: gpl2+,lppl  
 URL: <https://ctan.org/pkg/accanthis>  
 MIRROR: <https://mirror.ctan.org/fonts/accanthis>
- *The alegreya package*. Alegreya fonts with  $\LaTeX$  support. 2022-09-14. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/alegreya>  
 MIRROR: <https://mirror.ctan.org/fonts/alegreya>
  - *The alkalami package*. A font for Arabic-based writing systems in Nigeria and Niger. 2017-06-07. Version 1.000. LICENSE: ofl  
 URL: <https://ctan.org/pkg/alkalami>  
 MIRROR: <https://mirror.ctan.org/fonts/alkalami>

- Tennent, Bob. *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>
- *The andika package. andika fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-09-28. Version 6.101. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/andika>  
 MIRROR: <https://mirror.ctan.org/fonts/andika>
  - *The arimo package. Arimo sans serif fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-28. LICENSE: apache2  
 URL: <https://ctan.org/pkg/arimo>  
 MIRROR: <https://mirror.ctan.org/fonts/arimo>
  - *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 MusiXTeX scores*. 2021-01-07. LICENSE: gpl2+  
 URL: <https://ctan.org/pkg/autosp>  
 MIRROR: <https://mirror.ctan.org/support/autosp>
  - *The biolinum-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Biolinum family of fonts*. 2016-06-24. Version 5.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biolinum-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/biolinum-type1>
  - *The bitter package. The Bitter family of fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-28. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/bitter>  
 MIRROR: <https://mirror.ctan.org/fonts/bitter>
  - *The cabin package. A humanist Sans Serif font, with L<sup>A</sup>T<sub>E</sub>X support*. 2022-12-25. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/cabin>  
 MIRROR: <https://mirror.ctan.org/fonts/cabin>
  - *The caladea package. Support for the Caladea family of fonts*. 2022-09-29. LICENSE: apache2,lppl  
 URL: <https://ctan.org/pkg/caladea>  
 MIRROR: <https://mirror.ctan.org/fonts/caladea>
  - *The carlito package. Support for Carlito sans-serif fonts*. 2022-10-05. LICENSE: ofl  
 URL: <https://ctan.org/pkg/carlito>  
 MIRROR: <https://mirror.ctan.org/fonts/carlito>
  - *The CharisSIL package. CharisSIL fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-11-12. Version 6.101. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/charissil>  
 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.  
 URL: <https://ctan.org/pkg/cinzel>  
 MIRROR: <https://mirror.ctan.org/fonts/cinzel>
  - *The classico package. URW Classico fonts*. 2022-09-30. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/classico>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
  - *The clearsans package. Clear Sans fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-15. LICENSE: apache2,lppl  
 URL: <https://ctan.org/pkg/clearsans>  
 MIRROR: <https://mirror.ctan.org/fonts/clearsans>
  - *The coelacanth package. Coelacanth fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. Version 0.005. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/coelacanth>  
 MIRROR: <https://mirror.ctan.org/fonts/coelacanth>
  - *The cooperhewitt package. LaTeX, pdfLaTeX, Xe<sup>L</sup>A<sub>T</sub>E<sub>X</sub> and Lua<sup>L</sup>A<sub>T</sub>E<sub>X</sub> support for the Cooper Hewitt family of sans serif fonts*. 2022-11-03. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/cooperhewitt>  
 MIRROR: <https://mirror.ctan.org/fonts/cooperhewitt>
  - *The CormorantGaramond package. Cormorant Garamond family of fonts*. 2022-09-16. Version 3.601. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/cormorantgaramond>  
 MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>

- Tennent, Bob. *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 ebgarmond package. L<sup>A</sup>T<sub>E</sub>X support for EBGarmond fonts*. 2022-09-11. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/ebgarmond>  
 MIRROR: <https://mirror.ctan.org/fonts/ebgarmond>
  - *The figbas package. Mini-fonts for figured-bass notation in music*. 2016-06-24. Version 1.0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/figbas>  
 MIRROR: <https://mirror.ctan.org/fonts/figbas>
  - *The fira package. Fira fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-17. Version 4.3. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/fira>  
 MIRROR: <https://mirror.ctan.org/fonts/fira>
  - *The forum package. Forum fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. LICENSE: ofl,lppl  
 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>
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 URL: <https://ctan.org/pkg/latexdiff>  
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 URL: <https://ctan.org/pkg/biblatex-authoryear-icomp-tt>  
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 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/boxit.tex>
  - *The BUCTthesis package. Beijing University of Chemical Technology Thesis Template.* 2022-07-29. Version 1.4.1. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/buctthesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>
  - *The cdcmd package. Expandable conditional commands for L<sup>A</sup>T<sub>E</sub>X.* 2021-10-15. Version 1.0. LICENSE: lpl1.3c. This package provides some conditional commands, just like the package. The difference is that can define conditional commands.  
 URL: <https://ctan.org/pkg/cdcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdcmd>
  - *The chhaya package. Linguistic glossing in Marathi language.* 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/chhaya>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>
  - *The ChineseJFM package. Luatexja-jfm files for Chinese typesetting.* 2021-02-15. Version 1.1.1. LICENSE: mit. ChineseJFM is a series of luatexja-jfm files for better Chinese typesetting, providing , , and three styles and other fancy features. It can be used for both horizontal and vertical writing mode in Simplified/Traditional Chinese or Japanese fonts.  
 URL: <https://ctan.org/pkg/chinese-jfm>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chinese-jfm>

- Unknown. *The cmastro package. Font for planetary symbols.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cmastro>  
 MIRROR: <https://mirror.ctan.org/fonts/cmastro>
- *The committee-font package. A font designed by a committee.* 2016-07-19. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/committee-font>  
 MIRROR: <https://mirror.ctan.org/fonts/unsupported/committee>
  - *The csname-doc package. A list of plain.tex cs names.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/csname-doc>  
 MIRROR: <https://mirror.ctan.org/info/plain-doc/csname.txt>
  - *The czhyph package. Hyphenation patterns for Czech.* 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/czhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/czhyph.tex>
  - *The datestamp package. Fixed date-stamps with LuaLaTeX.* 2021-12-15. Version 0.3. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/datestamp>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/datestamp>
  - *The deflist package. A variation on the description environment.* 2016-06-24. LICENSE: noinfo. The command evnironment takes an argument, whose width is taken as the maximum width of labels in a -like environment  
 URL: <https://ctan.org/pkg/deflist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/deflist.sty>
  - *The defstring package. Define macros as verbatim macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/defstring>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>
  - *The devanagari-omega package. Typeset Devanagari with Omega.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/devanagari-omega>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/omega>
  - *The dmhgener package. Equation, figure (etc.) numbering and referencing.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dmhgener>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/dmhgener.tex>
  - *The doublecol package. Double-column page macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. These macros are derived from Knuth's macros (separately), by an unknown hand.  
 URL: <https://ctan.org/pkg/doublecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/doublecol.tex>
  - *The doulossil package. A font for typesetting the International Phonetic Alphabet (IPA).* 2022-05-06. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/doulossil>  
 MIRROR: <https://mirror.ctan.org/fonts/doulossil>
  - *The dow package. Calculate day of week from a numeric date.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dow>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/dow.tex>
  - *The dviconcat package. Concatenates DVI files.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dviconcat>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook/Dviconcat>
  - *The dvips-shell package. A dvips Shell for MS-Windows32.* 2016-06-24. LICENSE: nosource. The shell apparently helps you remember what you have forgotten about features.  
 URL: <https://ctan.org/pkg/dvips-shell>  
 MIRROR: <https://mirror.ctan.org/systems/win32/util/dvpsh103.exe>
  - *The eczar package. A font family supporting Devanagari and Latin script.* 2021-04-28. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/eczar>  
 MIRROR: <https://mirror.ctan.org/fonts/eczar>
  - *The EkType-Tanka package. Devanagari fonts by EkType.* 2022-05-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ektype-tanka>  
 MIRROR: <https://mirror.ctan.org/fonts/ektype-tanka>
  - *The endnote package. Generic "endnotes" code.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/endnote>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/endnote.tex>
  - *The espo package. Customisation for Esperanto.* 2016-06-24. LICENSE: noinfo. The package provides a modest set of macros for use in Esperanto documents. The package provides a wider set of macros.

- URL: <https://ctan.org/pkg/espo>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/espo.sty>
- Unknown. *The fakebold package. A simple macro for faking bold fonts.* 2020-04-11. LICENSE: noinfo  
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 gfdl package. Support for using GFDL in L<sup>A</sup>T<sub>E</sub>X.* 2022-12-31. Version 0.1. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/gfdl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gfdl>
  - *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.* 2022-12-11. Version 1.0.1. 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: lppl1.3c
- 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 pdfmsym package. PDF Math Symbols — various drawn mathematical symbols.* 2022-12-24. Version 1.1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/pdfmsym>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdfmsym>
  - *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/utlis/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>



- Unknown. *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>
- *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>
- Unknown. *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>
- *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>
- Unknown. *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>
- *The unisc package.* Unicode small caps with Lua/XeLaTeX. 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>
  - *The winemtex package.* EmTeX for windows. 2016-06-24. LICENSE: noinfo. A full distribution for MS-Windows98 including Ghostscript and WinEdit and preconfigured to work with T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/winemtex>
  - *The wntamil package.* Tamil to T<sub>E</sub>X converter. 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/wntamil>  
MIRROR: <https://mirror.ctan.org/language/tamil/wntamil>
  - *The wright package.* Define commands with optional arguments. 2016-06-24. LICENSE: noinfo. Version of and that can define commands with optional arguments. (Preceding the public availability of such commands, in L<sup>A</sup>T<sub>E</sub>X 2e, and with a slightly different syntax.)  
URL: <https://ctan.org/pkg/wright>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/wright>
  - *The xarticle package.* A L<sup>A</sup>T<sub>E</sub>X 2.09 document style with 7pt, 8pt and 9pt options. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/xarticle>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/xarticle>
  - *The xcmr package.* A crossed-out version of Computer Modern. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/xcmr>  
MIRROR: <https://mirror.ctan.org/fonts/cm/xcmr/xcmr12.mf>
  - *The xduts package.* Xidian University T<sub>E</sub>X Suite. 2022-12-11. Version 4.0.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xduts>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xduts>
  - *The zaccone package.* Different configuration for different captions. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/zaccone>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/zaccone>
  - *The zitie package.* Create CJK character calligraphy practicing sheets. 2021-10-04. Version 1.4.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zitie>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zitie>

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 URL: <https://ctan.org/pkg/engwar>  
 MIRROR: <https://mirror.ctan.org/fonts/engwar>
- *The tengwar package. Font to set Tolkien’s Tengwar script*. 2019-06-21. LICENSE: nosell. Font for typesetting Tolkien Tengwar script, written in Metafont. The macros support the use of this font.  
 URL: <https://ctan.org/pkg/tengwar>  
 MIRROR: <https://mirror.ctan.org/fonts/tengwar>
- URW GmbH. *The urw package. URW free font support*. 2016-06-24. LICENSE: collection. Fonts, font metrics, and macro support in L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>e, for available URW fonts. Fonts provided are: – ; – ; – ; – ; – ; and – .  
 URL: <https://ctan.org/pkg/urw>  
 MIRROR: <https://mirror.ctan.org/fonts/urw>
- URW GmbH, Primoz Peterlin, and Walter A. Schmidt. *The URW-base35 package. URW ‘Base 35’ font pack for L<sup>A</sup>T<sub>E</sub>X*. 2022-10-22. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-base35>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/base35>
- URW GmbH, Walter A. Schmidt, and Keiran Harcombe. *The lettergothic package. The Adobe Type 1 font family Letter GothicType*. 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/lettergothic>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/lettergothic>
- *The urw-antiqua package. URW Antiqua condensed font, for use with T<sub>E</sub>X*. 2021-12-07. Version 001.003. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-antiqua>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/antiqua>
  - *The urw-arial package. URW Arial font pack for use with L<sup>A</sup>T<sub>E</sub>X*. 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/urw-arial>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/arial>
  - *The URW-Grotesq package. URW Grotesq font pack for L<sup>A</sup>T<sub>E</sub>X*. 2021-12-07. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-grotesq>  
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 URL: <https://ctan.org/pkg/cprotectinside>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cprotectinside>
- *The precattl package. Prepare special catcodes from token list*. 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/precattl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/precattl>
  - *The prettytok package. Pretty-print token lists*. 2022-07-08. Version 0.0.1. LICENSE: lppl1.3c. Pretty-print token lists to HTML file for debugging purposes. Open the file in any browser to view the result. Can be used to replace .  
 URL: <https://ctan.org/pkg/prettytok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prettytok>
  - *The pythonimmediate package. Library to run Python code*. 2022-12-29. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pythonimmediate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pythonimmediate>
  - *The rescansync package. Re-scan tokens with syncTeX information*. 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rescansync>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rescansync>
  - *The saveenv package. Save environment content verbatim*. 2022-12-23. Version 0.0.1. LICENSE: lppl1.3c. This package provides tools to create your own verbatim environments, and works for all values of .  
 URL: <https://ctan.org/pkg/saveenv>  
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 MIRROR: <https://mirror.ctan.org/systems/win32/latexmng>
- *The MPEdit package. MetaPost text editor for Win32.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/mpedit>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/MPEdit>
  - Väisänen, Hannu. *The koma-script-sfs package. Koma-script letter class option for Finnish.* 2016-06-24. Version 1.0. LICENSE: lppl. A parameter set for letters on A4 paper, complying with Finnish standards SFS 2486, 2487 and 2488; suitable for window envelopes with window on the left side in the sizes C5, C65, E5 and E65 (although, because the address window is smaller, for sizes E5 and E65 the address may not fit within the window, but ordinary 3-line address should fit).  
 URL: <https://ctan.org/pkg/koma-script-sfs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script-SFS>
  - Vajakas, Jaan and Enn Saar. *The babel-estonian package. Babel support for Estonian.* 2016-06-24. Version 1.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Estonian in . Some shortcuts are defined, as well as translations to Estonian of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-estonian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/estonian>
  - Valbusa, Ivan. *The beamer-verona package. A theme for the beamer class.* 2016-06-24. Version 0.2. LICENSE: lppl1.3. This package provides the ‘Verona’ theme for the class by Till Tantau.  
 URL: <https://ctan.org/pkg/beamer-verona>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamer-verona>
  - *The biblatex-philosophy package. Styles for using BibLaTeX for work in philosophy.* 2022-09-16. Version 1.9.8g. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-philosophy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-philosophy>
  - *The fontsize package. A small package to set arbitrary sizes for the main font of the document.* 2021-08-04. Version 0.8.5. LICENSE: lppl1.3. The package allows you to set arbitrary sizes for the main font of the document, through the option.  
 URL: <https://ctan.org/pkg/fontsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fontsize>
  - *The suftesi package. A document class for typesetting theses, books and articles.* 2021-11-01. Version 3.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/suftesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suftesi>
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 URL: <https://ctan.org/pkg/glossaries-finnish>  
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  - Välimäki, Tuomas and Nicola Talbot. *The datetime2-finnish package. Finnish language module for the datetime2 package.* 2018-03-21. Version 1.2. LICENSE: lppl1.3. This module provides the “finnish” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-finnish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-finnish>
  - Valmary, Cédric. *The babel-occitan package. Babel support for Occitan.* 2016-06-24. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-occitan>  
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  - *The gloss-occitan package. Polyglossia support for Occitan.* 2016-06-24. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gloss-occitan>  
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 MIRROR: <https://mirror.ctan.org/support/rnototex>
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 URL: <https://ctan.org/pkg/script-font>  
 MIRROR: <https://mirror.ctan.org/fonts/script>
  - *The treesvr package. Tree macros*. 2016-06-24. LICENSE: lppl1.2  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/treesvr>
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 URL: <https://ctan.org/pkg/calligra>  
 MIRROR: <https://mirror.ctan.org/fonts/calligra>
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 URL: <https://ctan.org/pkg/multicap>  
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 URL: <https://ctan.org/pkg/formal-grammar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/formal-grammar>
- *The messagepassing package. Draw diagrams to represent communication protocols*. 2022-04-08. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/messagepassing>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/messagepassing>
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 URL: <https://ctan.org/pkg/eqlist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqlist>
- *The guitar package. Guitar chords and song texts*. 2018-01-06. Version 1.6. LICENSE: lppl1.3. (La)T<sub>E</sub>X macros for typesetting guitar chords over song texts. The package is required. Note that this package only places arbitrary T<sub>E</sub>X code over the lyrics. To typeset the chords graphically (and not only by name), the author recommends use of an additional package such as by K. Peeters.  
 URL: <https://ctan.org/pkg/guitar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/guitar>
  - *The toolbox package. Tool macros*. 2016-06-24. Version 5.1. LICENSE: lppl  
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- *The varindex package. Luxury frontend to the \index command.* 2016-06-24. Version 2.3. LICENSE: lppl. Provides a convenient front-end for the command. For example, with it you can generate multiple index entries in almost any form by a single command. The package is highly customizable, and works with all versions of L<sup>A</sup>T<sub>E</sub>X and probably most other T<sub>E</sub>X formats.  
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 URL: <https://ctan.org/pkg/hvpygmentex>  
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 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>
- Voß, Herbert. *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>
- *The libertinus package. Wrapper to use the correct libertinus package according to the used T<sub>E</sub>X engine.* 2021-06-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus>
- *The libertinus-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>
- Voß, Herbert. *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>
  - *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>
- Voß, Herbert. *The pst-turtle package*. Commands for “turtle operations”. 2019-10-05. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-turtle>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-turtle>
- *The pst-venn package*. A PSTricks package for drawing Venn sets. 2018-12-06. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-venn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>
- *The pstricks-examples package*. PSTricks examples. 2016-06-24. LICENSE: lppl  
 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)
- *The pstricks-examples-7 package*. PSTricks examples files of the 7th edition of the book PSTricks. 2016-06-24. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-7>  
 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>
- *The spark-otf package*. Support OpenType Spark fonts. 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
 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>
- *The voss-mathmode package*. A comprehensive review of mathematics in (La)T<sub>E</sub>X. 2018-01-06. Version 2.47. LICENSE: lppl  
 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>
- Voß, Herbert, Denis Girou, and Timothy Van Zandt. *The pst-tree package*. Trees, using PSTricks. 2021-09-04. Version 1.14. LICENSE: lppl. pst-tree is a package that defines a macro which offers a structured way of joining nodes created using in order to draw trees.

- URL: <https://ctan.org/pkg/pst-tree>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>
- Voß, Herbert, Denis Girou, and Timothy Van Zandt. *The pstricks-base package. PostScript macros for T<sub>E</sub>X*. 2022-12-14. Version 3.18. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pstricks-base>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/base>
- Voß, Herbert and Klaus Höppner. *The dantelogo package. A font for DANTE's logo*. 2016-06-24. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/dantelogo>  
MIRROR: <https://mirror.ctan.org/fonts/dantelogo>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits*. 2021-09-10. Version 2.19. LICENSE: lppl. The package is built using and in particular . It can easily draw current 2-terminal devices and some 3- and 4-terminal devices used in electronic or electric theory. The package's macros are designed with a view to 'logical' representation of circuits, as far as possible, so as to relieve the user of purely graphical considerations when expressing a circuit.  
URL: <https://ctan.org/pkg/pst-circ>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>
- Voß, Herbert and Pablo González Luengo. *The pst2pdf package. A script to compile PSTricks documents via pdfTeX*. 2020-08-26. Version 0.20. LICENSE: gpl2  
URL: <https://ctan.org/pkg/pst2pdf>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/scripts/pst2pdf>
- Voß, Herbert and Manuel Luque. *The pst-antiprism package. A PSTricks related package which draws an antiprism*. 2018-02-15. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-antiprism>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-antiprism>
- *The pst-shell package. Plotting sea shells*. 2020-07-29. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-shell>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>
- *The pst-spinner package. Drawing a fidget spinner*. 2021-08-26. Version 1.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spinner>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spinner>
- Voß, Herbert and Rolf Niepraschk. *The dtk package. Document class for the journal of DANTE*. 2022-12-19. Version 2.08n. LICENSE: lppl1.3c  
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>
- *The pst-text package. Text and character manipulation in PSTricks*. 2018-12-29. Version 1.02. LICENSE: lppl. Pst-text is a based package for plotting text along a different path and manipulating characters. It includes the functionality of the old package pst-char.



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 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acroterm>
- Voß, Jakob and Camil Staps. *The tkz-orm package. Create Object-Role Model (ORM) diagrams*. 2021-08-26. Version 0.1.4. LICENSE: gpl2,lppl1.3  
 URL: <https://ctan.org/pkg/tkz-orm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
- Voss, Jochen. *The jvlisting package. A replacement for L<sup>A</sup>T<sub>E</sub>X's verbatim package*. 2016-06-24. Version 0.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jvlisting>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
- Vrba, Anton. *The flexipage package. Flexible page geometry with marginalia*. 2022-10-01. Version 1.01. LICENSE: lppl1.3c  
 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>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
 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.  
 URL: <https://ctan.org/pkg/matc3mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script*. 2020-09-06. Version 0.2. LICENSE: lppl1.3c  
 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>
- *The inline-images package. Inline images in base64 encoding*. 2021-09-16. Version 1.0. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/inline-images>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography*. 2021-03-18. Version 0.1. LICENSE: lppl1.3c. This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.  
 URL: <https://ctan.org/pkg/biblatex-license>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
- Wagner, Victor. *The catdoc package. Text extractor for word files*. 2016-06-24. Version 0.90. LICENSE: gpl  
 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>
- Wagner, Zdeněk. *The cnbwp package. Typeset working papers of the Czech National Bank*. 2016-06-24. LICENSE: lpl  
 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: lpl1.3. 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>
  - *The fillform package. Typeset answers to overprint on printed forms*. 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/fillform>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
  - *The makebarcode package. Print various kinds 2/5 and Code 39 bar codes*. 2016-06-24. Version 1.0. LICENSE: lpl  
 URL: <https://ctan.org/pkg/makebarcode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebarcode>
  - *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>
  - *The xevlna package. Insert non-breakable spaces using XeTeX*. 2018-05-30. Version 1.1. LICENSE: lpl1.3  
 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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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
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 MIRROR: <https://mirror.ctan.org/macros/generic/encxvlna>
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 URL: <https://ctan.org/pkg/wasy>  
 MIRROR: <https://mirror.ctan.org/fonts/wasy>
- Wales, Richard B. *The oca package. OCR A font*. 2019-06-21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/oca>  
 MIRROR: <https://mirror.ctan.org/fonts/oca>
- Wales, Richard B. and Tor Lillqvist. *The ocr-a package. Fonts for OCR-A*. 2018-01-06. LICENSE: nosell  
 URL: <https://ctan.org/pkg/ocr-a>  
 MIRROR: <https://mirror.ctan.org/fonts/ocr-a>

- Walker, Jim. *The sines package. Calculate sin function values.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sines>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
- Wall, Matthew. *The scorecard package. Format a Baseball scorecard.* 2016-06-24. Version 1.1. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/scorecard>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scorecard.tex>
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 URL: <https://ctan.org/pkg/comp-fonts-faq>  
 MIRROR: <https://mirror.ctan.org/help/comp-fonts-FAQ>
- *The HPTfm2pl package. Create T<sub>E</sub>X PL files from HP AutoFont Support.* 2018-01-06. Version 1.0b beta. LICENSE: pd  
 URL: <https://ctan.org/pkg/hp2pl>  
 MIRROR: <https://mirror.ctan.org/support/hp2pl>
  - *The ljmetrics package. Metrics for Laserjet built-in fonts.* 2016-06-24. Version 0.9. LICENSE: noinfo. The distribution offers TFM (and PL) files derived from Hewlett-Packard's LaserJet IV Developers kit. No outlines are provided; the metrics are only usable with drivers adapted for output to the relevant printers (e.g., ).  
 URL: <https://ctan.org/pkg/ljmetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/ljmetrics>
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 URL: <https://ctan.org/pkg/macfont>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/macfont>
  - *The mhack package. Macros for marginal notes, in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 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>
  - *The tex-it package. Controller for T<sub>E</sub>X processing.* 2019-02-03. LICENSE: gpl. is a perl script for running T<sub>E</sub>X. It examines the log file of the T<sub>E</sub>X run and determines whether T<sub>E</sub>X needs to be run again; it runs BibT<sub>E</sub>X if necessary, and can be told to run Makeindex. Its "end-document" action may be selected from a menu, and includes a "tidy up" to delete all those scribble files.  
 URL: <https://ctan.org/pkg/tex-it>  
 MIRROR: <https://mirror.ctan.org/support/tex-it>
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 URL: <https://ctan.org/pkg/htmlhelp>  
 MIRROR: <https://mirror.ctan.org/info/htmlhelp>
- Walshaw, Chris. *The abc2mtex package. Notate tunes stored in ABC notation.* 2020-09-10. Version 1.6.1. LICENSE: nosell. A package to notate tunes stored in an ascii format (abc notation, commonly used to notate traditional music). One of the most important aims of ABC notation, and perhaps one that distinguishes it from most, if not all, computer-readable musical languages is that it can be easily read by humans. The package produces files that can be processed with .  
 URL: <https://ctan.org/pkg/abc2mtex>  
 MIRROR: <https://mirror.ctan.org/support/abc2mtex>
- Waltman, Marijn. *The lpform package. Typesetting linear programming formulations and sets of equations.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lpform>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lpform>
- Wan, Zhen. *The CQUBeamer package. L<sup>A</sup>T<sub>E</sub>X Beamer Template for Chongqing University.* 2018-05-12. Version 1.0. LICENSE: mit,cc-by-4  
 URL: <https://ctan.org/pkg/cqubeamer>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/cqubeamer>
- Wang, Hsin-Po. *The snaptodo package. A todo that snaps to the closer side.* 2021-11-26. LICENSE: lppl1.3c. This package is an alternative to , from which it differs in the following ways:  
 URL: <https://ctan.org/pkg/snaptodo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/snaptodo>
- Wang, Junwei. *The beamerthemeNord package. A simple beamer theme using the "Nord" color theme.* 2020-08-24. Version 0.2.0. LICENSE: lppl1.3c. This package provides a simple beamer theme using the color theme.

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemenord>
- Wang, Ran. *The Install-L<sup>A</sup>T<sub>E</sub>X-Guide-zh-cn package. A short introduction to L<sup>A</sup>T<sub>E</sub>X installation written in Chinese*. 2022-09-30. Version 2022.10.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/install-latex-guide-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/install-latex-guide-zh-cn>
- WANG, Xu. *The TikZ-Bagua package. Draw Bagua symbols in Yijing*. 2022-08-12. Version 1.01. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-bagua>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bagua>
- Wang, Yue and LingYun Wu. *The zhmetrics package. TFM subfont files for using Chinese fonts in 8-bit T<sub>E</sub>X*. 2016-06-24. Version r206. LICENSE: lppl  
 URL: <https://ctan.org/pkg/zhmetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/zhmetrics>
- Warbrick, Jon and Luis Rivera. *The latex-essential package. Essential information for writing L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 03. LICENSE: other-free  
 URL: <https://ctan.org/pkg/latex-essential>  
 MIRROR: <https://mirror.ctan.org/info/latex-essential>
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 URL: <https://ctan.org/pkg/btool>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bt00L>
- Ward, Martin. *The program package. Typesetting programs and algorithms*. 2018-01-06. Version 3.3.14. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/program>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/program>
- Wardrop, Matthew. *The blochsphere package. Draw pseudo-3D diagrams of Bloch spheres*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. This package is used to draw pseudo-3D Blochsphere diagrams. It supports various annotations, such as great and small circles, axes, rotation markings and state vectors. It can be used in a standalone fashion, or nested within a environment by setting the environment option to .  
 URL: <https://ctan.org/pkg/blochsphere>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>
- Warner, Daniel. *The delig package. Disable misplaced ligatures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/support/delig>
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 URL: <https://ctan.org/pkg/juraabbrev>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/juraabbrev>
- *The jurarsp package. Citations of judgements and official documents in (German) juridical documents*. 2016-06-24. Version 0.52. LICENSE: gpl  
 URL: <https://ctan.org/pkg/jurarsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jurarsp>
- Washburn, Geoffrey. *The otftofd package. Generate control files for OpenType fonts*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/otftofd>  
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- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaT<sub>E</sub>X*. 2017-04-18. Version 1.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-dw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-dw>
- *The bibleref-german package. German adaptation of bibleref*. 2016-06-24. Version 1.0a. LICENSE: lppl1.3. The package provides translations and various formats for the use of in German documents. The German naming of the bible books complies with the ‘Loccumer Richtlinien’ (Locum guidelines). In addition, the Vulgate (Latin bible) is supported.  
 URL: <https://ctan.org/pkg/bibleref-german>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-german>
- *The historische-zeitschrift package. BibL<sup>A</sup>T<sub>E</sub>X style for the journal ‘Historische Zeitschrift’*. 2016-12-02. Version 1.2. LICENSE: lppl  
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- Wawrzyniak, Piotr. *The konwerter package. A program for automatic numbering of compounds in chemical publications*. 2017-04-18. Version 0.2.4. LICENSE: gpl2. Konwerter automatically numbers compounds in chemical publications created by . It is written in C++ and works both in Unix and Windows operating systems. It works similar to L<sup>A</sup>T<sub>E</sub>X and commands. Instead of giving number to every compound you give them labels and then refer to the structure in the text using the same label. The konwerter is able to resolve labels to numbers both in the eps files and in the text.  
 URL: <https://ctan.org/pkg/konwerter>  
 MIRROR: <https://mirror.ctan.org/support/konwerter>
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 URL: <https://ctan.org/pkg/notes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notes>
- Weber, Natalie. *The leipzig package. Typeset and index linguistic gloss abbreviations*. 2019-10-18. Version 2.3. LICENSE: lppl1.3. The leipzig package provides a set of macros for standard glossing abbreviations, with options to create new ones. They are mnemonic (e.g. for accusative, abbreviated ). These abbre can be used alone or on top of the package for easy indexing and glossary printing.  
 URL: <https://ctan.org/pkg/leipzig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leipzig>
- *The textglos package. Typeset and index linguistic gloss abbreviations*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/textglos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textglos>
- Weber, Olaf and The T<sub>E</sub>X Live Team. *The web2c package. Conversion programs and supporting code to compile T<sub>E</sub>X in C*. 2022-01-17. LICENSE: gpl  
 URL: <https://ctan.org/pkg/web2c>
- Weberndorfer, Christoph. *The srdp-mathematik package. Typeset Austrian SRDP in mathematics*. 2022-12-16. Version 1.11.0. LICENSE: lppl1.3c. This package provides basic commands for the defined formats of the Austrian sRDP (Standardisierte Reife- und Diplomprüfung) in mathematics. Furthermore, it includes ways to implement answers in the file which can optionally be displayed in the file, and it offers a way to vary the answers in order to create different groups (e. g. for tests) easily.  
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- Weeks, Andrew, Frank M. Siegert, and Thomas Henlich. *The tt2pt1 package. Convert TrueType fonts to Adobe Type 1 format*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ttf2pt1>  
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 URL: <https://ctan.org/pkg/harmony>  
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- Weh, Tobias. *The biblatex-musuos package. A BibL<sup>A</sup>T<sub>E</sub>X style for citations in musuos.cls*. 2016-06-24. Version 1.0. LICENSE: lppl. The style is designed for use with the class, but it should be usable with other classes, too.  
 URL: <https://ctan.org/pkg/biblatex-musuos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-musuos>
- *The metrix package. Typeset metric marks for Latin text*. 2019-10-09. Version 1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/metrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metrix>
- *The musuos package. Typeset papers for the department of music, Osnabrück*. 2016-06-24. Version 1.1d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/musuos>  
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 This L<sup>A</sup>T<sub>E</sub>X package makes it possible to simulate interference patterns occurring on a screen if monochromatic light is diffracted at regular structures of slits. It makes use of the graphics package.  
 URL: <https://ctan.org/pkg/pgf-interference>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-interference>
- *The phonenumbers package. Typesetting telephone numbers with L<sup>A</sup>T<sub>E</sub>X*. 2022-07-01. Version 2.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/phonenumbers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phonenumbers>
  - *The schulmathematik package. Commands and document classes for German-speaking teachers of mathematics and physics*. 2022-08-12. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schulmathematik>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schulmathematik>
- Wehr, Keno, Javier Bezos López, Johannes L. Braams, and Claudio Beccari. *Thebabel-latin package. Babel support for Latin*. 2021-06-28. Version 4.0. LICENSE: lppl1.3. The babel-latin package provides the languages , , and . It also defines several useful shorthands as well as some modifiers for typographical fine-tuning.  
 URL: <https://ctan.org/pkg/babel-latin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/latin>
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-bnf>
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 URL: <https://ctan.org/pkg/twcal>  
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- Weiss, Daniel A. *The apa7 package. Format documents in APA style (7th edition)*. 2022-07-25. Version 2.16. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/apa7>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apa7>
- Weissenburger, Jens. *The anleitung package. Using L<sup>A</sup>T<sub>E</sub>X with MikTeX, including TrueType fonts*. 2016-06-24. LICENSE: noinfo. A German introduction to using L<sup>A</sup>T<sub>E</sub>X on a MikTeX system with WinEdT. The document includes a translation of by Damir Rakityansky.  
 URL: <https://ctan.org/pkg/anleitung>  
 MIRROR: <https://mirror.ctan.org/info/german/MikTeX-WinEdt-TrueType-Anleitung>
- Weissert, Thomas and Caitlin Shaw. *The mla package. MLA BibTeX styles*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mla>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/mla>
- Wells, Charles. *The ans package. Answers and solutions, for L<sup>A</sup>T<sub>E</sub>X 2.09*. 2016-06-24. LICENSE: other-nonfree  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ans>
- Wemheuer, Moritz. *The biblatex-ext package. Extended BibL<sup>A</sup>T<sub>E</sub>X standard styles*. 2022-06-18. Version 0.16. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/biblatex-ext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-ext>
- *The biblatex-trad package. “Traditional” BibTeX styles with BibLaTeX*. 2021-03-06. Version 0.5. LICENSE: lppl1.3c. The bundle provides implementations of the “traditional” BibTeX styles ( , , and ) with BibLaTeX.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sciposter>
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 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.  
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 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  
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 MIRROR: <https://mirror.ctan.org/fonts/auncial-new>
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 URL: <https://ctan.org/pkg/b1encoding>  
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  - *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>
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  - *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>
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 URL: <https://ctan.org/pkg/chbibref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chbibref>
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 URL: <https://ctan.org/pkg/cypriot>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/cypriot>
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  - *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.  
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 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>
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 URL: <https://ctan.org/pkg/hieroglf>  
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 URL: <https://ctan.org/pkg/huncial>  
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 URL: <https://ctan.org/pkg/inslrmaj>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmaj>
- *The inslrmin package. Fonts based on the Insular Minuscule manuscript book-hand.* 2022-04-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/inslrmin>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmin>
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 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>
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 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 Presciscus 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.  
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- *The smart-eqn package. Automatic math symbol styling for L<sup>A</sup>T<sub>E</sub>X documents*. 2021-08-12. Version 1.0. LICENSE: lppl1.3c. In L<sup>A</sup>T<sub>E</sub>X typesetting, one usually needs to use different variants of a math symbol to clarify the meanings. For example, in linear algebra literature, it is common to use boldfaced symbols to represent vectors, and normal symbols to represent scalars. However, applying these variants by typing , commands manually can be daunting. This package aims to provide an automatic and customizable approach for math symbol styling which eliminates the need to enter style commands repeatedly.  
URL: <https://ctan.org/pkg/smart-eqn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smart-eqn>
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URL: <https://ctan.org/pkg/lshort-zh-cn>  
MIRROR: <https://mirror.ctan.org/info/lshort/chinese>
- Xiong, Yu. *The njuvisual package. Display logos related to Nanjing University*. 2022-12-13. Version 0.3.0. LICENSE: lppl1.3c. The package collects standard colors and logos related to Nanjing University, saves the vector logos as pictures and provides a user-friendly interface to display them in documents and beamers.  
URL: <https://ctan.org/pkg/njuvisual>  
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URL: <https://ctan.org/pkg/beaulivre>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/beaulivre>
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URL: <https://ctan.org/pkg/colorist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorist>
  - *The create-theorem package. Multilingual support for theorem-like environments*. 2022-08-11. Version 2022-08-08a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/create-theorem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/create-theorem>
  - *The crefthe package. Cross referencing with proper definite articles*. 2022-09-24. LICENSE: lppl1.3c. By default, when using cleveref's to reference theorem-like environments, the names do not contain definite articles. In languages such as French, Italian, Portuguese, Spanish, etc. this results in incorrect grammar. For this purpose, the current package offers , which handles the definite articles properly (especially for the article contractions in many European languages).  
URL: <https://ctan.org/pkg/crefthe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crefthe>
  - *The einfart package. Write your articles in a simple and clear way*. 2022-09-03. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/einfart>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/einfart>
  - *The lebhart package. Write your articles in a colorful way*. 2022-09-03. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/lebhart>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/lebhart>
  - *The mindflow package. Write your ideas in a clear way*. 2022-12-10. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mindflow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mindflow>
  - *The minimalist package. Write your articles or books in a simple and clear way*. 2022-09-03. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/minimalist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minimalist>
  - *The multi footnote package. Multiple numbers for the same footnote*. 2022-06-13. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/multi footnote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multi footnote>
- XU, Jinwen. *The ProjLib package. A series of tools to simplify your workflow*. 2019-01-01. LICENSE: lppl1.3c. ProjLib is a collection of tools to help you write L<sup>A</sup>T<sub>E</sub>X documents. With the main package loaded, you no longer need to set up the theorem-like environments, nor to manually configure the appropriate multilingual settings. In addition, a series of auxiliary functionalities are introduced.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/projlib>
- *The simplivre package*. Write your books in a simple and clear way. 2022-09-03. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/simplivre>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/simplivre>
  - Xue, Ruini. *The zebra-goodies package*. A collection of handy macros for paper writing. 2019-07-04. Version 0.8.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zebra-goodies>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zebra-goodies>
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URL: <https://ctan.org/pkg/thuthesis>  
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  - Yamaji, Akira. *The mcf2graph package*. Draw chemical structure diagrams with MetaPost. 2022-11-12. Version 4.90. LICENSE: mit  
URL: <https://ctan.org/pkg/mcf2graph>  
MIRROR: <https://mirror.ctan.org/graphics/mcf2graph>
  - Yamamoto, Munehiro. *The gckanbun package*. Kanbun typesetting for (u)pL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X. 2022-01-17. Version 1.2. LICENSE: mit  
URL: <https://ctan.org/pkg/gckanbun>  
MIRROR: <https://mirror.ctan.org/language/japanese/gckanbun>
  - *The graphicxpsd package*. Adobe Photoshop Data format (PSD) support for graphicx package. 2021-01-06. Version 1.2. LICENSE: mit. This package provides Adobe Photoshop Data format (PSD) support for the package with the (Darwin/macOS) or (ImageMagick) command.  
URL: <https://ctan.org/pkg/graphicxpsd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxpsd>
  - Yamashita, Hironobu. *The arphic-ttf package*. TrueType version of Chinese Arphic fonts. 2016-12-17. LICENSE: other-free  
URL: <https://ctan.org/pkg/arphic-ttf>  
MIRROR: <https://mirror.ctan.org/fonts/arphic-ttf>
  - *The chemobabel package*. Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel. 2022-10-22. Version 0.9l. LICENSE: bsd2  
URL: <https://ctan.org/pkg/chemobabel>  
MIRROR: <https://mirror.ctan.org/graphics/chemobabel>
  - *The endnotesj package*. Japanese-style endnotes. 2018-05-15. Version 3.0. LICENSE: bsd3. This package provides customized styles for endnotes to be used with Japanese documents. It can be used on , , and LuaL<sup>A</sup>T<sub>E</sub>X ().  
URL: <https://ctan.org/pkg/endnotesj>  
MIRROR: <https://mirror.ctan.org/language/japanese/endnotesj>
  - *The gentombow package*. Generate Japanese-style crop marks. 2022-09-10. LICENSE: bsd3  
URL: <https://ctan.org/pkg/gentombow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gentombow>
  - *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>
- Yanai, Shimon and Daniel Berry. *The mf2ps package. Modification of Metafont to produce PostScript output.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mf2ps>  
 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: lppl1.3c  
 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/thubeamer>
- Yang, Yang. *The metapost-matlab package. MetaPost data plotting in Matlab style.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/metapost-matlab>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/matlab>
- Yang, Yuchang. *The edichokey package. Typeset dichotomous identification keys.* 2020-08-31. Version 2.01y. LICENSE: lppl1.3c. This is a L<sup>A</sup>T<sub>E</sub>X package for typesetting dichotomous identification key in indented style. It can be considered as an extended version of package , as edichokey is more capable of dealing with complex keys.  
 URL: <https://ctan.org/pkg/edichokey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edichokey>
- *The nanicolle package. Typesetting herbarium specimen labels.* 2020-08-31. Version 2.03y. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/nanicolle>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/nanicolle>
- *The rulerbox package. Draw rulers around a box.* 2019-05-06. Version 1.01. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rulerbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rulerbox>
- *The tetragonos package. Four-Corner codes of Chinese characters.* 2019-01-17. Version 1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tetragonos>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/tetragonos>
- Yanshuo, Chu. *The hithesis package. Harbin Institute of Technology Thesis Template.* 2022-07-29. Version 2.0.11. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/hithesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hithesis>
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 URL: <https://ctan.org/pkg/hershey>  
 MIRROR: <https://mirror.ctan.org/fonts/hershey>
- Yasko, Nick. *The javascript\_TeXed package. Small MikTeX-editor for Win32 Intel platform.* 2016-06-24. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/javascript-texed>  
 MIRROR: [https://mirror.ctan.org/support/javascript\\_TeXed](https://mirror.ctan.org/support/javascript_TeXed)
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 URL: <https://ctan.org/pkg/slashbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slashbox>
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 URL: <https://ctan.org/pkg/bxbase>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxbase>
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 URL: <https://ctan.org/pkg/bxcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxcalc>
- Yato, Takayuki. *The bxcjkjatype package. Typeset Japanese with pdfL<sup>A</sup>T<sub>E</sub>X and CJK.* 2019-10-22. Version 0.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/bxcjkjatype>  
 MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxcjkjatype>



- *The bxdpx-beamer package. Dvipdfmx extras for use with beamer.* 2016-12-18. Version 0.3. LICENSE: mit  
URL: <https://ctan.org/pkg/bxdpx-beamer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/bxdpx-beamer>
  - *The bxdvidriver package. Enables specifying a driver option effective only in DVI output.* 2022-07-31. Version 0.2a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxdvidriver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
  - *The bxeepic package. Eepic facilities using pict2e.* 2022-07-31. Version 0.2. LICENSE: other-free. The package provides an driver to use facilities.  
URL: <https://ctan.org/pkg/bxeepic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxeepic>
  - *The bxenclose package. Enclose the document body with some pieces of code.* 2022-07-31. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/bxenclose>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxenclose>
  - *The BXjalipsum package. Dummy text in Japanese.* 2017-03-01. Version 0.3a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjalipsum>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
  - *The BXjaprnind package. Adjust the position of parentheses at paragraph head.* 2021-06-19. Version 0.4a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjaprnind>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaprnind>
  - *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 BXjscs 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 pL<sup>A</sup>T<sub>E</sub>X and uL<sup>A</sup>T<sub>E</sub>X, the extended version also supports pdfL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X, with the aid of suitable packages that provide capability of Japanese typesetting.  
URL: <https://ctan.org/pkg/bxjscs>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjscs>
  - *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>
  - *The bxpdfver package. Specify version and compression level of output PDF files.* 2022-04-30. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpdfver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
  - *The bxtexlogo package. Additional T<sub>E</sub>X-family logos.* 2022-05-05. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxtexlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
  - *The bxwareki package. Convert dates from Gregorian to Japanese calender.* 2019-06-01. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxwareki>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
- Yato, Takayuki. *The ifptex package. Check if the engine is pT<sub>E</sub>X 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>
- *The jfmutil package*. Utility to process pTeX-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>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxchfon>
- *The pxcjkcat package*. L<sup>A</sup>T<sub>E</sub>X interface for the CJK category codes of upTeX. 2022-07-20. Version 1.4. LICENSE: mit  
URL: <https://ctan.org/pkg/pxcjkcat>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxcjkcat>
- *The pxjahyper package*. Hyperref support for pLaTeX. 2022-10-19. Version 1.2a. LICENSE: mit  
URL: <https://ctan.org/pkg/pxjahyper>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjahyper>
- *The pxjodel package*. Help change metrics of fonts from japanese-otf. 2022-07-31. Version 0.3. LICENSE: mit  
URL: <https://ctan.org/pkg/pxjodel>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxjodel>
- *The pxpgfmark package*. e-pTeX driver for PGF inter-picture connections. 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/pxpgfmark>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pxpgfmark>
- *The pxrubrica package*. Ruby annotations according to JIS X 4051. 2022-07-31. Version 1.3d. LICENSE: mit  
URL: <https://ctan.org/pkg/pxrubrica>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxrubrica>
- *The pxufont package*. Emulate non-Unicode Japanese fonts using Unicode fonts. 2022-07-31. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/pxufont>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxufont>
- *The zxjaibfont package*. Fallback CJK font support for xeCJK. 2016-12-18. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/zxjaibfont>  
MIRROR: <https://mirror.ctan.org/language/japanese/zxjaibfont>
- *The ZXjafont package*. Set up Japanese font families for Xe<sub>L</sub>A<sub>T</sub>E<sub>X</sub>. 2022-03-21. Version 1.3. LICENSE: mit  
URL: <https://ctan.org/pkg/zxjafont>  
MIRROR: <https://mirror.ctan.org/language/japanese/zxjafont>
- *The ZXjatype package*. Standard conforming typesetting of Japanese, for Xe<sub>L</sub>A<sub>T</sub>E<sub>X</sub>. 2020-01-21. Version 0.7. LICENSE: mit  
URL: <https://ctan.org/pkg/zxjatype>  
MIRROR: <https://mirror.ctan.org/language/japanese/zxjatype>
- Yavuz, Volkan. *The glosstex package*. Prepare glossaries in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. LICENSE: gpl. GlossTeX is a tool for the automatic preparation of glossaries, lists of acronyms and sorted lists in general for use with L<sup>A</sup>T<sub>E</sub>X and MakeIndex. GlossTeX combines the functionality of and and provides some new features. Various binaries are available in the bin subdirectory.  
URL: <https://ctan.org/pkg/glosstex>  
MIRROR: <https://mirror.ctan.org/support/glosstex>
- Ye, Lei. *The uowthesis package*. Document class for dissertations at the University of Wollongong. 2016-06-24. Version 1.0a. LICENSE: l<sup>a</sup>tp<sub>l</sub>1.3  
URL: <https://ctan.org/pkg/uowthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uowthesis>
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MIRROR: <https://mirror.ctan.org/systems/mac/support/excalibur>
  - Zach, Richard. *The bussproofs-extra package. Extra commands for bussproofs.sty.* 2019-06-02. Version 0.4. LICENSE: lpl1.3c. This package provides additional functionality for ; specifically, it allows for typesetting of entire (sub)deductions.  
URL: <https://ctan.org/pkg/bussproofs-extra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyindex>
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URL: <https://ctan.org/pkg/tex2mail>  
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URL: <https://ctan.org/pkg/fancybox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
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MIRROR: <https://mirror.ctan.org/macros/generic/colortab>
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URL: <https://ctan.org/pkg/frame>  
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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>
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URL: <https://ctan.org/pkg/pst-ovl>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ovl>
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  - *The xcomment package. Allows selected environments to be included/excluded.* 2019-06-09. Version 1.3. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
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MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
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MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
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URL: <https://ctan.org/pkg/fouriernc>  
MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
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URL: <https://ctan.org/pkg/fnspe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
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URL: <https://ctan.org/pkg/emoji>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
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 URL: <https://ctan.org/pkg/twemoji-colr>  
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  - *The zhlipsum package. Chinese dummy text.* 2020-04-26. Version 1.2.0. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/language/chinese/cjkpunct>
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 for the use with the package. This style contains almost all ligatures in Nikita Prokopov’s family of fonts.  
 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>
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 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  
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 URL: <https://ctan.org/pkg/garamond-math>  
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