

# The CTAN Bibliography

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## 1 Bibliography data

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

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

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

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

Currently there are 6329 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	33	F	39	G	45	H	49	I	53	J	56
K	57	L	59	M	68	N	76	O	79	P	81	Q	91	R	92	S	95	T	104
U	115	V	118	W	119	X	121	Y	123	Z	124								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	273
a2ac	AFM to AFM plus Composites	Olšák	368
a2ping	Advanced PS, PDF, EPS converter	Szabó	459
a4	Support for A4 paper sizes	Poppelier, Braams	385
a4wide	”Wide” a4 layout	Holt, Lamy	254
a5comb	Support for a5 paper sizes	Wolczko	527
aaai-named	BibTeX style for AAAI	Patel-Schneider	377
aaai	AAAI style	Patel-Schneider	377
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal ‘Aalok’	Unknown	489
aastex	Macros for Manuscript Preparation for AAS Journals	AAS	128
abbr	Simple macros supporting abbreviations for Plain and L <sup>A</sup> T <sub>E</sub> X	Thành	472
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	455
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	231
abc2mtex	Notate tunes stored in ABC notation	Walshaw	517
abnt	Typesetting academic works according to ABNT rules	Cherem	173
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	130
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	125
Aboensis	A late medieval OpenType cursive font	Syrjänen	457
abraces	Asymmetric over-/underbraces in maths	Grundlingh	233
abspos	Absolute placement with coffins	Hetland	249
abstbook	Books of abstracts	Havlik	243
abstr-collect	Print a collection of abstracts	Balemi	136
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	400
abstyles-babel	Adaptable styles for use with Babel	Bautista	140
abstyles-orig	Adaptable BibTeX styles	Bode	151
academicons	Font containing high quality icons of online academic profiles	Fernandes	205
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
accenti	Extra accented character macros, designed for Italian	Bosisio	153
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	541
accents	Multiple mathematical accents	Bezos López	312
accessibility	Create tagged and structured PDF files	Clifton	177
accfonts	Utilities to derive new fonts from existing ones	Smith	440
accsupp	Better accessibility support for PDF files	Oberdiek	359
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	530
achicago-bst	Chicago Manual BibTeX style	Swift	455
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	455
acm	ACM document style	Leichter	306
acmart	Class for typesetting publications of ACM	Veytsman	503
acmconf	Class for ACM conference proceedings	Vollmer	508
acmproc	Style option for ACM proceedings	Lamport	300
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	300
acro	Typeset acronyms	Niederberger	354
acroflex	Create a graphing widget in a PDF file	Story	449
acromake	Make commands for acronyms	Thompson	481
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	449
acronym	Expand acronyms at least once	Oetiker, Oberdiek	366

<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	273
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	227
AcroSort	Sort sliced image into order	Story	449
acroterm	Manage and index acronyms and terms	Voß	514
acrotex-js	JavaScript files used by acrotex and other packages	Story	449
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	450
acrotex	The AcroTeX education bundle	Story	449
acroweb	Scripts to create interactive tests from a database	Mařík	327
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	489
active-conf	Class for typesetting ACTIVE conference papers	Robertson	399
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	227
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	227
adami	A DOS system for working with Tamil	Srinivasan	445
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	139
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	266
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	221
addliga	Access basic ligatures in legacy TrueType fonts	Miller	338
addlines	A user-friendly wrapper around \enlargethispage	Robertson	399
address	Generate form letters and address labels	Wester, Damrau	521
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	439
adfathesis	Australian Defence Force Academy thesis format	Harker	241
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	393
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	393
adhocfilelist	'\listfiles' entries from the command line	Lück	318
adigraph	Augmenting directed graphs	Cappelletti	165
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	503
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	416
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	489
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	503
adobemapping	Adobe cmap and pdfmapping files	Adobe	125
adrconv	BibTeX styles to implement an address database	Kielhorn	276
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribile	445
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	146
advdate	Print a date relative to "today"	Wagner	515
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	199
aeb-minitoc	Create mini-tocs	Story	450
aeb-mlink	Multi-line links with hyperref	Story	450
aeb-mobile	Format PDF files for use on a smartphone	Story	450
AeB Pro	Items from the AeB Pro Family of Software	Story	450
aeb-tilebg	AeB Tiling Backgrounds	Story	450
aeb_dad	A drag-and-drop matching game with PDF files	Story	450
aebenvelope	The AeB Pro eEnvelope System	Story	450
AeB slicing	An image slicer	Story	450
aebXMP	Add advanced metadata to PDF files	Story	450
aecc	Almost European Concrete Roman virtual fonts	Rivera	398
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	404
aesupp	Special support for the æ character	Jørgensen	266
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	176
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	199
AFMtoPL (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	527
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	503
afterpackage	Add commands to package after it's loaded	Rozhenko	411
afterpage	Execute command after the next page break	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	168
afthesis	Air Force Institute of Technology thesis class	Young	536
aguplus	Styles for American Geophysical Union	Daly	183

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aiaa	Typeset AIAA conference papers	Kleb	279
aichej	Bibliography style file for the AIChE Journal	Schaber	416
aifont	Remap Computer Modern fonts	Collins	179
ajl	BibTeX style for AJL	Nash	351
AkkTeX	A collection of packages and classes	Akkerman	126
akletter	Comprehensive letter support	Kielhorn	276
akshar	Support for syllables in the Devanagari script	Vũ	515
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	455
albatross	Find fonts that contain a given glyph	Island of TeX	260
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	149
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	194
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	195
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	488
algobox	Typeset Algobox programs	Rivaud	398
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	431
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	208
algorithmicx	The algorithmic style you always wanted	János	262
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	158
algpseudocodex	Package for typesetting pseudocode	Matt	330
algxpar	Support multiple lines pseudocode	Moreira	343
aliascnt	Alias counters	Oberdiek	359
aligned-overset	Fix alignment at \overset or \underset	Krüger	294
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	468
allegno	Automatic numbering of all equations	Thornburg	481
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	520
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	300
alltt2	Indented version of alltt	Wolczko, Lamport	527
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support	Hamid	237
alnumsec	Alphanumeric section numbering	Küster	298
alpha-persian	Persian version of alpha.bst	Shapour	431
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	272
alphabib	Add alphabetical headers into citations	Hilléreau	250
alphalph	Convert numbers to letters	Oberdiek	359
alphanum-bst	Modified alpha BibTeX style	Thomas	480
alphanum	Sectioning commands for jura	Braun	156
alphanumb	A modification of alpha.bst	Thomas	480
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	331
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	278
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	212
altsubsup	Subscripts and superscripts with square brackets	Labbé	299
altverse	Typesetting verse	Shipunov	434
ama	AMA manual of style citations	Kort, Trickey	292
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	375
amiri	A classical Arabic typeface, Naskh style	Hosny	255
amiweb2c-guide	How to install AmiWeb2c	Finnberg	208
amiweb2c	An Amiga port of web2C	Scherer	419
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	238
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	521
amsaddr	Alter the position of affiliations in amsart	Lelong	307
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	473

<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	473
ambsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	475
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	475
amscdx	Enhanced commutative diagrams	Vermeer	502
amscs-doc	User documentation for AMS document classes	The AMS	473
amscs	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	473
amsfonts	TeX fonts from the American Mathematical Society	The AMS	473
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	250
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	473
amslatexdoc-vie...	Vietnamese translation of AMS L <sup>A</sup> T <sub>E</sub> X documentation	Huynh	258
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	473
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	205
amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	475
amsidx	Support for multiple indexes in AMS Classes	The AMS	473
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	475
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	336
amsppt	AMS-TeX article preprint document style	The AMS	473
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	474
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	474
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	474
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	474
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	475
amsthm	Typesetting theorems (AMS style)	The AMS	474
analogclock	An analog ticking clock package for PDF output	Randez	392
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	468
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	227
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	520
annee-scolaire	Automatically typeset the academic year (French way)	Henel	246
annot-pro	Create text, stamp and file attachment annotations	Story	450
annotate-equations	Easily annotate math equations using TikZ	John	265
annotate	A bibliography style with annotations	Unknown	489
annotation-pkg	Suppress or permit annotations to a document	Hofmann	252
annotation	A BibTeX style that processes annotations	Unknown	489
anonchap	Make chapters be typeset like sections	Robertson, Wilson	400
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	143
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	200
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	520
answers	Setting questions (or exercises) and answers	Wright, Piff	530
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	355
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	150
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	178
anti	Typeset an anti-particle in maths mode	Holmes	254
antomega	Alternative language support for Omega/Lambda	Kryukov	295
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	358
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	359
anttf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbicki	522
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	269
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	459
ansize	A simple package to set up document margins	Esser	200
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	206
aomart	Typeset articles for the Annals of Mathematics	Veytsman	503
apa	American Psychological Association format	Protopapas	387
apa6	Format documents in APA style (6th edition)	Beitzel	145
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	440

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
apa7	Format documents in APA style (7th edition)	Weiss	520
apabst	Early APA BibTeX style	Rogers	405
apacite	Citation style following the rules of the APA	Meijer	335
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	413
apalike-german	A copy of apalike.bst with German localization	Braun	157
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	395
apasoft	An APA-like style for BibTeX	Porr	385
apeqnum	Number equations by appendix	Hosek	254
apl	Fonts for typesetting APL programs	Hohti, Kanerva	253
aplweb	Literate programming in APL	Schweigert	428
apnum	Arbitrary precision numbers implemented by TeX macros	Olšák	368
appelt-chess	Chess board macros using standard fonts	Unknown	489
appendix	Extra control of appendices	Robertson, Wilson	401
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	307
appendre-a-pro...	The book “Apprendre à programmer en TeX”	Tellechea	467
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	139
apptools	Tools for customising appendices	Kuhnert	297
apxproof	Proofs in appendix	Senellart	430
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	140
arabi-add	Using hyperref and bookmark packages with arabic and farsi languages	Lakhdar	300
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	260
arabic-book	An Arabic book class	Alziyadi	128
arabic	Read a lower-case roman number	Selberg	429
arabicfront	Frontmatter with arabic page numbers	Bezoz López	312
arabluatex	ArabTeX for LuaLaTeX	Alessi	126
arabtex	Macros and fonts for typesetting Arabic	Lagally	299
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	171
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	244
aramaic	Fonts for Aramaic script	Wilson	523
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	170
arbeit	Typeset classwork exercises	Burkhardt	162
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	154
archaic	A collection of archaic fonts	Wilson, Zimmermann, Syropoulos	527
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	195
arcs	Draw arcs over and under text	Boggio-Togna	151
arev	Fonts and L <sup>A</sup> T <sub>E</sub> X support files for Arev Sans	Hartke	242
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	371
armtex	A system for writing in Armenian with TeX and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	182
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	434
aro-bend	Exercises in TeX, with answers	Downes	190
arosgn	Support for the Bengali language	Ali	128
around-the-bend	Typeset exercises in TeX, with answers	Downes, Wilson	191
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	532
arphic	Arphic (Chinese) font packages	Lemberg	307
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	341
arraycols	New column types for array and tabular environments	Missier	339
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	434
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	434
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	130



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arraysort	Sort arrays (or portions of them)	Lee	305
arrow	Eplain macros for commutative diagrams	Smith	441
ArsClassica	A different view of the ClassicThesis package	Pantieri	374
artex	Make filecontents environments of non-standard files or packages	Efford	196
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	475
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	343
artthreads	Support for article threads	Story	450
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	195
arXivBib	Get bibliography entries from arXiv.org	Forkosh	211
arydshln	Draw dash-lines in array/tabular	Nakashima	350
asaetr	Transactions of the ASAE	Pearson	377
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	457
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	219
asc2tex	Retrieve text from screenshots	Götz	227
ascelike	Bibliography style for the ASCE	Kuhn	296
ascii-chart	An ASCII wall chart	Eijkhout	197
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	436
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	459
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	232
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	263
askinclude	Interactive use of \includeonly	Straub, Oberdiek	453
askmaps	Typeset American style Karnaugh maps	op den Brouw	159
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	310
asmejour	A template for ASME journal papers	Lienhard	310
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	141
aspell	Spell checker	Atkinson	134
assignment	A class file for typesetting homework and lab assignments	Singh	438
assoccnt	Associate counters, making them step when a master steps	Hupfer	257
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	489
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	298
astro	Astronomical (planetary) symbols	Schmitt	422
astron	BibTeX style for astronomical journals	Hogeveen	253
astyped	Verbatim environment, with rather few escapes	Unknown	489
asyfig	Commands for using Asymptote figures	Robertson	399
asymptote-by-ex...	Asymptote by example	Unknown	490
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	490
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	490
asymptote	2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language	Bowman, Hammerlindl	155
asypictureB	User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X	Staats III	258
at	Short commands starting '@'	Wooding	528
atari-cstex	TeX for Atari machines	Brandt	156
atbegshi	Execute stuff at \shipout time	Oberdiek	359
atenddvi	Provides the \AtEndDvi command	Oberdiek	359
atendofenv	Add a custom symbol at the end of an environment	Zhou	540
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	468
attachfile	Attach arbitrary files to a PDF document	Pakin	371
attachfile2	Attach files into PDF	Oberdiek	360
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	455
atveryend	Hooks at the very end of a document	Oberdiek	360
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	298
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	474

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	420
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	523
auncial	Artificial Uncial manuscript book-hand font	Wilson	523
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	224
aur1	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höffner	251
aurora	Header files for dvips to make colour separations	Freeman	214
authblk	Support for footnote style author/affiliation	Daly	183
authoraftertitle	Make author, etc., available after \maketitle	Bilger	149
authorarchive	Adds self-archiving information to scientific papers	Brucker	159
authordate	Author/date style citation styles	Rhead	397
authorindex	Index citations by author names	Wettstein	521
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	509
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	399
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	419
autoalign	Align terms and members in math expressions	Tellechea	467
autobreak	Simple line breaking of long formulae	Ueda	488
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	329
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	135
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	217
autolist	More lists	Shipunov	435
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	490
automata	Finite state machines, graphs and trees in MetaPost	Puppis	387
automatica	A harvard-family BibTeX style	Balemi	136
autonum	Automatic equation references	Häcker	235
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	521
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	479
autopuncitems	Automatically punctuate lists	Ewasiuk	201
autosp	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	468
autotab	Generating tabulars from input data	Kruljac	295
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	490
autoview	Maintain a Ghostscript view of emacs buffer	Goel	223
auxhook	Hooks for auxiliary files	Oberdiek	360
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	188
aweb	Web system for programs written in Ada	Schweigert	428
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	187
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	180
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	502
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	179
<b>BBBBB</b>			
b1encoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	524
babel-albanian	Support for Albanian within babel	Bezoz López, Braams	314
babel-azerbaijani	Support for Azerbaijani within babel	Bezoz López	312
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	284
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Garea	126
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	358
babel-bosnian	Babel contrib support for Bosnian	Halilčević	237
babel-breton	Babel contributed support for Breton	Rolland	405
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezoz López, Braams	153
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	234
babel-contrib	Contributed language-support files for Babel	various authors	500



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	371
babel-czech	Babel support for Czech	Bezoz López, Braams	314
babel-danish	Babel contributed support for Danish	Bezoz López, Braams	314
babel-dutch	Babel contributed support for Dutch	Bezoz López, Braams	314
babel-english	Babel support for English	Bezoz López, Braams	314
babel-esperanto	Babel support for Esperanto	Bezoz López, Braams, Martí	315
babel-estonian	Babel support for Estonian	Vajakas, Saar	499
babel-finnish	Babel support for Finnish	Bezoz López, Braams	314
babel-french	Babel contributed support for French	Flipo	209
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	141
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	398
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	435
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	391
babel-greek	Babel support for documents written in Greek	Syropoulos, Bezoz López, Braams, Milde	459
babel-hebrew	Babel support for Hebrew	Bezoz López, Braams, Lavva, Rosendahl	315
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	459
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezoz López	130
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezoz López	284
babel-interlingua	Babel support for Interlingua	Bezoz López, Braams	314
babel-irish	Babel support for Irish	Bezoz López, Braams	314
babel-italian	Babel support for Italian text	Bezoz López, Braams, Bec- cari, Codogno	315
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	259
babel-kurmanji	Babel support for Kurmanji	Bezoz López, Braams	315
babel-latin	Babel support for Latin	Wehr, Bezoz López, Braams, Beccari	520
babel-latvian	Babel support for Latvian	Lasis, Bezoz López	302
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	484
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezoz López	284
babel-norsk	Babel support for Norwegian	Bezoz López, Braams	315
babel-occitan	Babel support for Occitan	Valmary	499
babel-piedmontese	Babel support for Piedmontese	Beccari	141
babel-polish	Babel support for Polish	Bezoz López, Braams, Schalück, Janich, Woliński	316
babel-portuges	Babel support for Portuges	Bezoz López, Braams	315
babel-romanian	Babel support for Romanian	Bezoz López, Braams, Horst, Juhasz	315
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	141
babel-russian	Russian language module for Babel	Kotelnikov	292
babel-samin	Babel support for Samin	Bezoz López, Braams, Jernsletten	315
babel-scottish	Babel support for Scottish Gaelic	Bezoz López, Braams	315
babel-serbian	Babel/Polyglossia support for Serbian	Bezoz López, Braams, Ste- fanović	316
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	157
babel-slovak	Babel support for typesetting Slovak	Bezoz López, Braams, Chle- bíková, Tesařík	315
babel-slovenian	Babel support for typesetting Slovenian	Bezoz López, Braams	315

<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	316
babel-spanglish	Simplified Spanish support for Babel	Rivera	398
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	316
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	315
babel-thai	Support for Thai within babel	Karoonboonyanan	270
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	324
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	156
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	308
babel-welsh	Babel support for Welsh	Braams, Bezós López	156
babel	Multilingual support for L <sup>A</sup> T <sub>E</sub> X, LuaLaTeX, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, and Plain T <sub>E</sub> X	Bezós López, Braams	314
babelbib	Multilingual bibliographies	Harders, Preining	241
babeltools	Tools for dealing with Babel annoyances	Bezós López	312
babylonianum	Typeset Babylonian numerals with XeTeX	Pinson	383
backgrnd	Mark text with grey background or change bar	Schmitt	422
background	Placement of background material on pages of a document	Medina Arellano	130
backnaur	Typeset Backus Naur Form definitions	Robson	403
backref	Make hyper-references back from bibliography to citation	Oberdiek	360
backrefx	Bibliographical back referencing	Els	198
badge	Print badge labels	van Oostrum	369
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	277
bagpipe	Support for typesetting bagpipe music	Innis	259
bahyph	Hyphenation for Basque	Aguirregabiria	126
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	326
bakoma-games	BaKoMa modules for music and games	Malyshev	327
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	327
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	326
balance	Balanced two-column mode	Daly	183
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	490
balancedquotes	Code balanced quotes according to document language	Selberg	430
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	255
bangorcsthesis	Typeset a thesis at Bangor University	Gray	229
bangorexam	Typeset an examination at Bangor University	Gray	229
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	373
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	279
bar	A patched version of bar.sty	Bleser, Lang	150
barcodes-vulis	A font for making barcodes	Vulis	515
barcodes	Fonts for making barcodes	Willadt	523
bard	Celtic bardic runes font	Lüddecke	320
bardi	Hyphenation and babel support for Bardi	Bowern	155
bardiag	L <sup>A</sup> T <sub>E</sub> X package for drawing bar diagrams	Stepanyan	448
bargraph-js	Create bar graphs using form fields and JavaScript	Story	450
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	150
barracuda	Draw barcodes with Lua	Giacomelli	220
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	138
base	Definitive source of Plain T <sub>E</sub> X on CTAN	Knuth	285
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	221
bashkirian	Bashkirian extension to OT2 fonts	Knappen	283
basicarith	Macros for typesetting basic arithmetic	Goodman	225
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	298
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	230
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	393
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	431

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	431
basque-book	Class for book-type documents written in Basque	Ibarra	258
basque-date	Print the date in Basque	Ibarra	258
bath-bst	Harvard referencing style as recommended by the University of Bath Library	Ball	136
battleship	A L <sup>A</sup> T <sub>E</sub> X style file for typesetting Battleship logic puzzles	Kleber	279
baum	Trees, using PicTeX	Unknown	490
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	334
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	351
bbfig	Calculate and print bounding box	Batchelder, Cosell	139
bb12html	Convert a L <sup>A</sup> T <sub>E</sub> X .bbl file to formatted html code	Blok	150
bbm-macros	L <sup>A</sup> T <sub>E</sub> X support for "blackboard-style" cm fonts	Hilbrich	249
bbm	"Blackboard-style" cm fonts	Robert	399
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	254
bbold	Sans serif blackboard bold	Jeffrey	263
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	431
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	405
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	297
bclogo	Creating colourful boxes with logos	Chupin	176
bdfchess	Typeset correspondence chess games	Hassel	242
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	509
beamer-rl	Right to left presentation with beamer and babel	Bou	155
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	165
beamer-verona	A theme for the beamer class	Valbusa	499
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	338
beamer2thesis	Thesis presentations using beamer	Fiandrino	206
beamerappendixnote	Create notes on appendix frames in beamer	Semken	430
beameraudience	Assembling beamer frames according to audience	Marschall	328
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	454
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	176
beamerdarkthemes	Dark color themes for beamer	Thiriet	480
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	192
beamersubframe	Reorder frames in the PDF file	Kaufmann	271
beamerswitch	Convenient mode selection in Beamer documents	Ball	136
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	380
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	366
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	337
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	256
beamertheme-focus	A minimalist presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Africa	126
beamertheme-light	A minimal beamer style	Vergnet, Goepf	502
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	508
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	328
beamertheme-phn...	A simple beamer theme	Ol	367
beamertheme-pur...	A minimalistic presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Clasen	177
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	217
Beamertheme-Sim...	Template for a simple presentation	Huang	256
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	257
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	490
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	300
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	453
beamerthemeAmur...	A new modern beamer theme	Chupin	176
beamerthemeJLTree	Contributed beamer theme	Lelong	307

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
beamerthemelalic	A beamer theme for LALIC	Moreira	343
beamerthemenirma	A Beamer theme for academic presentations	Revar	396
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	517
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	539
bearwear	Shirts to dress TikZbears	Fischer	208
beaulivre	Write your books in a colorful way	XU	531
Beebe-DVI	A modular collection of DVI processors	Beebe	143
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	141
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	211
begriff	Typeset Begriffschrift	Parsons	376
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	437
beletter	Typeset Belgian letters	Kilfiger, Lenaerts	277
belleek	Free replacement for basic MathTime fonts	Kinch	278
bellmac	Outline scheme for form letter production	Bell	145
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	393
bengali-pandey	Support for the Bengali language	Pandey, Das	374
bera	Bera fonts	Rosenau, Dirr, Schmidt	407
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	394
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	187
bestpapers	A BibT <sub>E</sub> X package to produce lists of authors’ best papers	Veytsman	503
betabel	Insert ancient greek text coded in Beta Code	Berkemeier	147
beton	Use Concrete fonts	Jensen	264
beuron	The script of the Beuronese art school	Wehr	519
bewerbung	Typesetting job applications	Hilbig	249
bez123	Support for Bezier curves	Robertson, Wilson	401
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	406
bfh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	379
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	347
bg	Annotate backgammon matches and positions	Richter	397
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	153
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	398
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	240
bguq	Improved quantifier stroke for Begriffschrift packages	Green	230
BHCexam	An exam class for mathematics teachers in China	Bao	137
bib-fr	French translation of classical BibT <sub>E</sub> X styles	Markey	328
bib-greek	A BibT <sub>E</sub> X style for Greek documents	Syropoulos	457
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	214
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	460
bib2m1	BibT <sub>E</sub> X to HTML/SQL/XML translator	Galland	217
bib2xhtml	Convert BibT <sub>E</sub> X Files into XHTML	Spinellis, Hull	443
BibArts	“Arts”-style bibliographical information	Baumann	140
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	242
bibcard	An XView based interface for BibT <sub>E</sub> X databases	Grossniklaus, Ogden	233
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	389
bibclean	A BibT <sub>E</sub> X prettyprinter, verifier, etc	Beebe	143
bibdb	BibT <sub>E</sub> X bibliography manager for MS-Windows and MS-DOS	Doron	190
bibentry	Full bibliography entries in the main text of a document	Daly	183
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	159
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	278
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	278
biber-linux	Biber binaries for Linux	Kime	277
biber-macos	Biber binaries for MacOS	Kime	277
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	277

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	278
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	278
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	278
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	459
biber-windows	Biber binaries for Windows	Kime	278
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	278
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	233
bibexport	Extract a BibTeX file based on a .aux file	Markey	328
bibextract	Utilities to extract BibTeX data	Beebe	143
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	377
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	351
bibfind	Prints entries in your bib file that match search string	Breivik	157
bibhtml	BibTeX support for HTML files	Gray	229
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	200
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	328
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	134
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	408
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	278
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	278
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	157
biblatex-arthis...	BibLaTeX citation style covers the citation and bibliography guidelines for art historians	Bossert, Kemper	155
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	482
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	136
biblatex-bookin...	Manage book edited in article	Rouquette	408
biblatex-bookin...	Manage book edited in other entry type	Rouquette	408
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	509
biblatex-casper...	A simple citation style for Chinese users	Vector	501
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	394
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	528
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	216
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	408
biblatex-cv	Create a CV from BibTeX files	Shub	435
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	518
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	165
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	520
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	443
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	540
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	158
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	189
biblatex-historian	A BibLaTeX style	Gliboff	223
biblatex-ieee	IEEE style files for BibLaTeX	Wright	529
biblatex-ijjsra	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	154
biblatex-iso690	BibLaTeX style for ISO 690 standard	Hoftich	252
biblatex-jura	BibLaTeX stylefiles for German legal literature	Hard	239
biblatex-jura2	Citation style for the German legal profession	Christoph	176
biblatex-juradiss	BibLaTeX stylefiles for German law theses	Schwan, Voß	427
biblatex-license	Add license data to the bibliography	Wagner	515
biblatex-lncs	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	227
biblatex-lni	LNI style for BibLaTeX	Kopp	291



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biblatex-luh-ipw	BibL <sup>A</sup> T <sub>E</sub> X styles for social sciences	Heins	244
biblatex-manusc...	Manage classical manuscripts with BibLaTeX	Rouquette	408
biblatex-mla	MLA style files for BibLaTeX	Clawson	177
biblatex-morenames	New names for standard BibL <sup>A</sup> T <sub>E</sub> X entry type	Rouquette	408
biblatex-ms	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X (multiscript version)	Kime	278
biblatex-multip...	Load multiple datamodels in BibLaTeX	Rouquette	408
biblatex-musuos	A BibL <sup>A</sup> T <sub>E</sub> X style for citations in musuos.cls	Weh	519
biblatex-nature	BibL <sup>A</sup> T <sub>E</sub> X support for Nature	Wright	529
biblatex-nejm	BibL <sup>A</sup> T <sub>E</sub> X style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	128
biblatex-nottsc...	Citation style for the University of Nottingham	Bossert	154
biblatex-opcit...	Use op. cit. for the booktitle of a subentry	Rouquette	408
biblatex-oxref	BibL <sup>A</sup> T <sub>E</sub> X styles inspired by the Oxford Guide to Style	Ball	136
biblatex-philos...	Styles for using BibL <sup>A</sup> T <sub>E</sub> X for work in philosophy	Valbusa	499
biblatex-phys	A BibL <sup>A</sup> T <sub>E</sub> X implementation of the AIP and APS bibliography style	Wright	529
biblatex-publist	BibL <sup>A</sup> T <sub>E</sub> X bibliography support for publication lists	Spitzmüller	444
biblatex-readbbl	Read a .bbl file created by biber	Voß	509
biblatex-realau...	Indicate the real author of a work	Rouquette	408
biblatex-sbl	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	387
biblatex-science	BibL <sup>A</sup> T <sub>E</sub> X implementation of the Science bibliography style	Wright	529
biblatex-shortf...	Use short forms of fields with BibLaTeX	Rouquette	408
biblatex-social...	BibLaTeX-style for the social sciences at HU Berlin	Bossert	154
biblatex-software	BibL <sup>A</sup> T <sub>E</sub> X stylefiles for software products	Di Cosmo	180
biblatex-source...	References by “division” in classical sources	Rouquette	409
biblatex-spbasic	A BibL <sup>A</sup> T <sub>E</sub> X style emulating Springer’s old spbasic.bst	Voß	509
biblatex-subseries	Manages subseries with BibLaTeX	Rouquette	409
biblatex-swiss...	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	507
biblatex-trad	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	520
biblatex-true-c...	Correction of some limitation of the citepages=omit option of BibL <sup>A</sup> T <sub>E</sub> X styles	Rouquette	409
biblatex-unified	BibL <sup>A</sup> T <sub>E</sub> X implementation of the unified stylesheet for linguistics journals	von Fintel	208
biblatex-vancouver	Vancouver style for BibLaTeX	Mondal	342
BibLaTeX	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X	Lehman, Kime	306
biblatex2bibitem	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	134
BiBLE	A BibTeX library editor	Schreiber	424
bibleref-french	French translations for bibleref	Rouquette, Pinson	409
bibleref-german	German adaptation of bibleref	Waßenhoven	518
bibleref-lds	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	375
bibleref-mouth	Consistent formatting of Bible references	Parry	376
bibleref-parse	Specify Bible passages in human-readable format	Kuhnert	297
bibleref	Format bible citations	Talbot, Rouquette	465
bibletext	Insert Bible passages by their reference	Staps	447
biblio-perl	System for maintaining and presenting bibliographies	Stepanyan	448
biblio	A collection of bibliographies	Beebe	143
biblist	Print a BibTeX database	Schrod	424
biblook	Fast searching of BibTeX files	Erickson, Beebe	200
biblos	CGI interface to BibTeX files	Moller	342
bibmods	Tighter tolerances for bibliographies	Beebe	143
bibplain	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	205
bibsort	Sort a BibTeX bibliography file	Beebe	143
BibTeX-examples	Examples of BibTeX usage	Beebe	143
BibTeX Database...	A simple interactive script to generate BibTeX Files	Gupta	235
BibTeX-help	VMS help file for BibTeX	Greenwade	230
bibtex-test	BibTeX testing files	Beebe	143



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	376
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	273
BibTeXMng	Manipulate BibTeX database files	VNP Comp	508
bibtexperl	BibTeX Perl Libraries	Gossen, Veytsman	226
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	239
BibTool	A tool for manipulating BibTeX files	Neugebauer	351
bibttools	Bib management tools	Kotz, Gildea	293
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	139
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	425
bibunits	Multiple bibliographies in one document	Fernández, Hansen	205
bibutils	A collection of bibliography format convertors	Putnam	387
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	309
bibview	View BibTeX files	Jacobsen	262
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	374
bicaption	Support for bilingual captions	Sommerfeldt	442
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	431
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	273
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	273
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	274
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	274
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	274
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	274
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	274
bidstobibtex	Convert BIDS returns to BibTeX	Stone	449
bigdelim	Big delimiters in tabular or array	van Oostrum	369
bigfoot	Footnotes for critical editions	Kastrup	271
bigintcalc	Integer calculations on very large numbers	Oberdiek	360
bigints	Writing big integrals	Merciadri	336
bigsign	Making "big signs" (mini-posters)	Lingnau	311
bigstrut	Struts for opening up tabular spacing	van Oostrum	369
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	329
bigtabular	Tabulars that can split at page boundaries	Duchier	193
biihead	Underlined page headings	Shapin	431
bilingualpages	Typeset two columns in parallel	Coles	178
binarytree	Drawing binary trees using TikZ	Nikolova	357
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	271
binomexp	Calculate Pascal's triangle	Roderick	403
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	164
biocon	Typesetting biological species names	Edelman	196
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	435
biolett-bst	A BibTeX style for the journal "Biology Letters"	DeSouza	187
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	468
biolist	List observed species	Shipunov	435
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	136
bit2spr	Convert bitmaps to "sprites"	Rovner	410
bitelist	Split list, in T <sub>E</sub> X's mouth	Lück	318

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	480
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	269
bitpattern	Typeset bit pattern diagrams	Bourguet	155
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	455
bitset	Handle bit-vector datatype	Oberdiek	360
bitstrea	Support for use of Bitstream fonts	Unknown	490
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
bizcard	Typeset business cards	Kirsch	278
bjfuthesis	A thesis class for Beijing Forestry University	Liu	311
blackboard	Comparison of blackboard bold fonts	Kummer	297
blackletter	A blackletter font	Unknown	490
blackletter1	T1-encoded versions of Haralambous old German fonts	Bronger	158
blanks	Macros for "fill in the blanks" forms	Varian	500
blindtext	Producing 'blind' text for testing	Lickert	309
blkarray	Extended array and tabular	Carlisle	166
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	455
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	518
block	A block letter style for the letter class	Huang	256
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	481
bloques	Generate control diagrams	Ruiz	413
blowup	Upscale or downscale all pages of a document	Niepraschk	356
blox	Draw block diagrams, using TikZ	Reish	395
blue	A document preparation system	van der Laan	299
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	168
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	443
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	152
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	293
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	293
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	360
bmstu-iu8	A class for IU8 reports	Unknown	490
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	358
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	388
bnumexpr	Extends eTeX's \numexpr...\relax construct to big integers	Burnol	162
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	375
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	269
bohr	Simple atom representation according to the Bohr model	Niederberger	354
boisik	A font inspired by Baskerville design	Mitek	340
boites	Boxes that may break across pages	Zoonekynd, Malaquias	541
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	201
boldline	Heavier lines in tables	Shipunov	435
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	208
bondgraph	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	194
bondgraphs	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	211
book-examples	A collection of examples from published T <sub>E</sub> X-related books	Unknown	490
book-of-common-...	Typeset in the style of "Book of Common Prayer"	Coles	178
book	A class for typesetting books	L <sup>A</sup> T <sub>E</sub> X Team	475
bookcover	A class for book covers and dust jackets	Tómacs	483
bookdb	A BibTeX style file for cataloguing a home library	Wilson	524
bookest	Extended book class	Bresciani	157
bookform	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	334
bookhands	A collection of book-hand fonts	Wilson	524
booklet	Aids for printing simple booklets	Robertson, Wilson	401
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	360
bookshelf	Create a nice image from a BibTeX file	Flynn	211

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
booktabs-de	German version of booktabs	Römer, Manderla	406
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	193
booktabs	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	199
boolexpr	A boolean expression evaluator and a switch command	Chervet	173
boondox	Mathematical alphabets derived from the STIX fonts	Sharpe	431
bophook	Provides an At-Begin-Page hook	Tinnefeld	482
borceux	Diagram macros by François Borceux	Borceux	152
border	Draw a black border around a Plain T <sub>E</sub> X page	Briser	158
bosisio	A collection of packages by Francesco Bosisio	Bosisio	154
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	436
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	436
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	371
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	429
boxit-ltx	An environment for boxing things	van der Goot	226
boxit	Draw a box around a text	Unknown	490
bpchem	Typeset chemical names, formulae, etc	Pedersen	378
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	247
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	173
bracketkey	Produce bracketed identification keys	Heibl	243
braids	Draw braid diagrams with PGF/TikZ	Stacey	445
braille	Support for braille	Park, Unruh	375
braket	Dirac bra-ket and set notations	Arseneau	130
brandeis-disser...	Class for Brandeis University dissertations	Burt, Peck	163
brandeis-proble...	Document class for COSI Problem sets at Brandeis University (Waltham, MA)	Turner	487
brandeis-thesis	A class for Brandeis University M.A. theses	Burt	163
brclc	Support 16-bit (double) calculations in L <sup>A</sup> T <sub>E</sub> X	Radgen	389
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	255
breakurl	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	165
bredzenie	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	527
breqn	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	191
bridge-pln	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	299
bridge	Typesetting bridge diagrams	van der Laan	299
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	243
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	465
brushscr	A handwriting script font	Loreti	316
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	306
bsheaders	Double-ruled chapter heading style	Loreti	316
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	230
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	436
btable	Bordered tables	van der Laan	299
bt00L	Perl library for parsing and processing BibTeX files	Ward	518
bubblesort	Bubble sorts a list	Taylor	466
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown	490
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	336
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	371
burmese	Basic Support for Writing Burmese	Reese, Lepper	394
buscard	A document style for business cards	Roth	408
business-research	Markup for the journal Business Research	Löffler, Schanz	312
businesscard-qr...	Business cards with QR-Code	Wäckerlin	515
bussproofs-extra	Extra commands for bussproofs.sty	Zach	536
bussproofs	Proof trees in the style of the sequent calculus	Buss	164
BXbase	BX bundle base components	Yato	533

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bxcalc	Extend the functionality of the calc package	Yato	533
bxcjkatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	533
bxdp <sub>x</sub> -beamer	Dvipdfmx extras for use with beamer	Yato	533
bxddriver	Enables specifying a driver option effective only in DVI output	Yato	533
bxeepic	Eepic facilities using pict2e	Yato	534
bxenclose	Enclose the document body with some pieces of code	Yato	534
BXghost	Ghost insertion for proper xkanjiskip	Asakura	133
BXjaholiday	Support for Japanese holidays	Asakura	133
BXjalipsum	Dummy text in Japanese	Yato	534
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	534
bxjatoucs	Convert Japanese character code to Unicode	Yato	534
BXjscls	Japanese document class collection for all major engines	Yato	534
bxnewfont	Enhanced \newfont command	Yato	534
bxorigcapt	To retain the original caption names when using Babel	Yato	534
bxpapersize	Synchronize output paper size with layout paper size	Yato	534
bxpdfver	Specify version and compression level of output PDF files	Yato	534
bxtextlogo	Additional T <sub>E</sub> X-family logos	Yato	534
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	534
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	408
byrne	This package provides a set of tools to typeset geometric proofs in the style of Oliver Byrne’s 1847 ed. of Euclid’s “Elements”	Slyusarev	439
bytefield	Create illustrations for network protocol specifications	Pakin	371
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	180
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	499
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	428
c2cweb	C language prettyprinter	Lemberg	307
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	392
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
cachepic	Convert document fragments into graphics	Trzeciak	485
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	436
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	234
caladea	Support for the Caladea family of fonts	Tennent	468
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	480
calcage	Calculate the age of something, in years	Schneider	423
calctab	Language for numeric tables	Giacomelli	220
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	211
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	216
calendar-Barr	A calendar document	Barr	137
calendar	A package for calendars and timetables	Bennett	146
calendarweek	Calculate the week number of a date	Hoekwater	250
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	500
calligra	Calligraphic font	Vanroose, Dachian	500
callouts	Put simple annotations and notes inside a picture	Stuetz	454
calorie	Calorie checking for dieters	Aonuma	129
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	540
cals	Multipage tables with wide range of features	Parashchenko	375
calxxxx-yyyy	Print a calendar for a group of years	Münch	346
calxxxx	Prints a card-size calendar for any year	Jankovic	262
camel	Prototype work on future citation engine	Bennett	146
cancel	Place lines through maths formulae	Arseneau	130
canoniclayout	Create canonical page layouts with memoir	Beccari	141
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	342
capbas	Capital baseball “matrix printer” font collection	Bloemen	150
capparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	157

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
capt-of	Captions on more than floats	Fairbairns, Carlisle	201
captcont	Retain float number across several floats	Cochran	177
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	201
caption	Customising captions in floating environments	Sommerfeldt	442
caption2	Superseded version of the caption package	Sommerfeldt	442
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	354
card-set	Typeset text for cardfile cards	Potuček Jr.	268
card	Print visiting cards	Balemi	136
carlisle	David Carlisle's small packages	Carlisle	166
carlito	Support for Carlito sans-serif fonts	Tennent	468
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	266
carolmin	Carolingian Miniscule manuscript book-hand font	Wilson	524
cartonaugh	A Lua <sup>L</sup> TeX package for drawing karnaugh maps with up to 6 variables	Bouajaj	155
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	374
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	195
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	136
cascover	Make cassette covers	Raaijmakers	388
cases	Numbered cases environment	Arseneau	131
casiofont	Support for the Casio ClassWiz font	Munn	347
cassette-shipunov	Print labels for audio cassettes	Shipunov	435
cassette	Typeset cassette box inserts	Strip	453
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	449
caslbl	Typeset cassette labels	Besson	148
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	187
catalan	Catalan hyphenation patterns	Wierda	522
catalanbib	Bibliographic styles for use in Catalan	Fuster	216
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	523
catchfile	Catch an external file into a macro	Oberdiek	360
catchfilebetween...	Catch text delimited by docstrip tags	Chervet	174
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	318
catdoc	Text extractor for word files	Wagner	515
catdvi	A DVI to plain text translator	Kaijanaho, Brill	269
catechis	Macros for typesetting catechisms	Goodman	225
catoptions	Preserving and recalling standard catcodes	Musa	349
causets	Draw causal set (Hasse) diagrams	Minz	339
cbcoptic	Coptic fonts and L <sup>A</sup> T <sub>E</sub> X macros for general usage and for philology	Beccari, Rosmorduc	142
cbe	Bibliography style for Council of Biology Editors format	Rogers	405
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	141
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	142
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	261
ccaption	Continuation headings and legends for floats	Robertson, Wilson	401
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	420
cchess	Chinese chess	Richer, Mittelbach	397
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	488
CClicenses	Typeset Creative Commons licence logos	Pignalberi	382
ccool	A key-value document command parser	Rogard	404
cd	Typeset CD covers	Vigna, Lemberg	506
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	490
cdcover	Typeset CD covers	Holm Christensen	175
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	197
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	336
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	332
cell	Bibliography style for Cell	Schneider	423
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	398



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cellspace	Ensure minimal spacing of table cells	Noirel	357
cellular	Cellular table construction	Pittman	383
cellwise	Building tables one cell at a time	Borck-Elsner	152
celtic	A TikZ library for drawing celtic knots	Stacey	445
sensor	Tools for producing redacted documents	Segletes	429
centeredline	A macro for centering lines	Burnol	162
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	213
centernot	Centred \not command	Oberdiek	360
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	261
cesenaexam	A class file to typeset exams	Pacini	371
cfguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	476
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	394
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	394
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	156
changelayout	Change the layout of individual pages and their text	Musa	349
changelog	Provides a changelog environment	Turner	487
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	401
changes	Manual change markup	Kleinod	282
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	202
chapref	Bibliography details per chapter	Knaggs	283
chapterbib	Multiple bibliographies in a document	Arseneau	131
chapterfolder	Package for working with complicated folder structures	Mathieu	329
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	468
charter	Charter fonts	Bitstream	149
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	424
chbibref	Change the Bibliography/References title	Wilson	524
cheatsheet	A simple cheatsheet class	Hinrichs	250
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	198
check	A syntax checker and tidier	Grothmann	233
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gregorio	170
checkend	Extend “improperly closed environment” messages	Bezos López	312
checklab	A patch for the label-checking code	Fairbairns, Carlisle	202
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	155
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	249
chemarr	Arrows for chemists	Oberdiek	360
chemarrow	Arrows for use in chemistry	Schroeder	425
chembst	A collection of BibTeX files for chemistry journals	Schenk	418
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	418
chemcono	Support for compound numbers in chemistry documents	Schulz	426
chemexec	Creating (chemical) exercise sheets	Niederberger	354
chemfig	Draw molecules with easy syntax	Tellechea	467
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	354
chemgreek	Upright Greek letters in chemistry	Niederberger	354
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	354
chemnum	A method for numbering chemical compounds	Niederberger	354
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	532
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	204
chemscheme	Support for chemical schemes	Wright	529
chemschemex	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	436
chemsec	Automated creation of numeric entity labels	Finnerty	208



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemstruct	Structural organic chemistry	Ramek	391
chemstyle	Writing chemistry with style	Wright	529
chemsym	Macros for typing chemical symbols	Dahlgren	182
chemtex	Structural chemistry	Haas	235
chex	Adobe chess font	Renner	396
cherokee	A font for the Cherokee script	Stanier	446
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	251
chess	Fonts for typesetting chess boards	Tutelaers	487
chessboard	Print chess boards	Fischer	208
chessfss	A package to handle chess fonts	Fischer	208
chessmin	Minimal chess diagrams	Blair	150
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	448
chextras	A companion package for the Swiss typesetter	Oriet	369
chgbar	Draw change bars in the margin	Johnson	265
chhaya	Linguistic glossing in Marathi language	Unknown	490
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	299
chicago	A "Chicago" bibliography style	Glenn	223
chicagoa	"Chicago" bibliography style with annotations	Glenn	223
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	484
chifoot	Chicago-style footnote formatting	Miller	338
childdoc	Directly compile \include'd child documents	Beisert	144
china2e	Font and macros for Chinese calendar	Heyl	249
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	491
chinesechess	Typeset Chinese chess with l3draw	Geng	218
chitex	A Chinese T <sub>E</sub> X system	Chen	172
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	200
chkfloat	Warn whenever a float is placed "to far away"	Hejda	244
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	307
chktex	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	480
chletter	Class for typesetting letters to Swiss rules	Oriet	369
chngcntr	Change the resetting of counters	Robertson, Wilson	401
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	401
chomsky	Macros to typeset parsing trees	Barr	137
chordbars	Print chord grids for pop/jazz tunes	Kramm	293
chordbox	Draw chord diagrams	Franzen	213
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	273
chronology	Provides a horizontal timeline	Wiseman	527
chronosys	Drawing time-line diagrams	Long	312
chs-physics-report	Physics lab reports for Carmel High School	Zhang	539
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	437
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	294
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	468
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	303
circle	Maths mode circles for temporal logic	Barthelmann	138
circledsteps	Typeset circled numbers	Giannetti	220
circledtext	Create circled text	Geng	218
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	129
CircuiTikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt,	393
		Giannetti	
cirth	Fonts for Cirth	Habets, Grant	235
citation-style-...	Bibliography formatting with Citation Style Language	Lee	305
cite-bundle	Citation management bundle	Arseneau	131
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	131
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	209
citeref	Add reference-page-list to bibliography-items	Briel	158

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
citesidx	Produce a citation list for the bibliography	Buchholz	160
CJ	BibTeX style for Computer Journal	Gärtner	218
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	351
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	268
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	307
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	386
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	277
cjk	CJK language support	Lemberg	307
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	539
cjw	A bundle of packages and classes	Wynne	530
clara	A serif font family	Miller	338
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	476
classico	URW Classico fonts	Tennent	468
classics	Cite classic works	Lourenço de Lima	310
ClassicThesis	A "classically styled" thesis package	Miede	337
classif2	Biological classification tables	Shipunov	435
classlist	Record classes used in a document	Oberdiek	360
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	211
cleanthesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	301
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	468
clefval	Key/value support with a hash	Henel	246
cleveref	Intelligent cross-referencing	Cubitt	182
clicks	Slide Deck Animation	Bugayenko	160
clip	A language-independent literate programming tool	Van Ammers, Kramer	129
clipboard	Copy and paste into and across documents	Lourenço de Lima	310
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	404
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	179
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	301
closefrm	Tidy up after reading a MetaPost file	Vieth	506
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	215
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	225
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	180
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	180
clrstrip	Place contents into a full width colour strip	Spratte	444
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	476
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	324
cm-gf	Generate GF format for CM	Ramsdell	392
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	295
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	271
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	382
cm-mf	Sources of the Computer Modern fonts	Knuth	285
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	285
cm-super	CM-Super family of fonts	Volovich	508
cm-tfm	Metric files for the Computer Modern fonts	Knuth	285
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	374
cm	Computer Modern fonts	Knuth	285
cmactex	TeX for the Macintosh	Kiffe	276
cmap	Make PDF files searchable and copyable	Volovich, Krüger	509
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	198
cmastro	Font for planetary symbols	Unknown	491
cmathbb	Computer modern mathematical blackboard bold font	Chao	171
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	420
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	379

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	223
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	241
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	241
cmdstring	Get command name reliably	Noirel	357
cmdtrack	Check used commands	Downes	191
cmextra-latex	Install macros for "standard" fonts not used by L <sup>A</sup> T <sub>E</sub> X itself	L <sup>A</sup> T <sub>E</sub> X Team	476
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	466
cmll	Symbols for linear logic	Beffara	144
cmoeofont	Old English glyphs to go with Computer Modern	Bradfield	156
cmolddig	Virtual fount setup for using old style digits	McDonnell	332
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	246
cmpica	A Computer Modern Pica variant	Hosek	254
cmpj	Style for the journal Condensed Matter Physics	Shvaika	436
cms4talks	Content Management System for Talks	Nebendahl	351
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	420
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	541
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	447
cmtest	CM fonts test sources	Knuth	285
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	541
cmtt	A package for handling the cmtt font better	Wooding	528
CM Type3	Type 3 outline versions of the CM fonts	Toal	482
cmupint	Upright integral symbols for Computer Modern	Stefanović	447
cmxk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	152
cnbwp	Typeset working papers of the Czech National Bank	Wagner	515
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	354
cnweb	Simple "quality" printing of C sources	Fox	212
cntdwn	Support for countdowns, and for clocks in any timezone	Story	450
cntformats	A different way to read counters	Niederberger	354
cntperchap	Store counter values per chapter	Hupfer	257
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	431
code	Typeset "code" in verbatim	Ferguson	205
code128	Barcode macros for the Code 128 standard	Olšák	368
codeanatomy	Typeset code with annotations	Bùi	161
codebox	Highlighted source code in a fancy box	Geng	218
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	259
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	323
codepage	Support for variant code pages	Aubord	134
codesection	Provides an environment that may be conditionally included	Pospiech	385
codicefiscaleit...	Test the consistency of the Italian personal Fiscal Code	Beccari	141
coelacanth	Coelacanth fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
coffeestains	Add coffee stains to documents	Bideault	148
collcell	Collect contents of a tabular cell as argument to a macro	Scharrer	416
collect	Collect text for later re-use	Sauer	415
collectbox	Collect and process macro arguments as boxes	Scharrer	416
collref	Collect blocks of references into a single reference	Beisert	144
colonequals	Colon equals symbols	Oberdiek	360
colophon	Provides commands for producing a colophon	Goodman	225
color-edits	Colorful edits for multiple authors of a shared document	Kempe	273
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	168
colordoc	Coloured syntax highlights in documentation	Garcia-De Castro	170
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	236
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	262
colorframed	Fix color problems with the package "framed"	Burnol	162
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	356
coloring	Define missing colors by their names	Hu	256

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
colorist	Write your articles or books in a colorful way	XU	531
colorprofiles	Collection of free ICC profiles	Preining	386
colors	Simple colour-selection commands	Knight	284
colorsep	Color separation	Rahtz	389
colospace	Provides PDF color spaces	Bezos López	313
colortab	Shade cells of tables and halign	Van Zandt, Voß	537
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	166
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	171
colorwav	Colours by wavelength of visible light	Setzer	430
colorweb	Extend the color package colour space	Beach	140
colourchange	Colourchange	Bradley	156
combelow	Typeset "comma-below" letters, as in Romanian	Pignalberi	382
combine	Bundle individual documents into a single document	Robertson, Wilson	401
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	422
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	209
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	343
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	252
comicsans	Use Microsoft Comic Sans font	Pakin	371
comma	Formats a number by inserting commas	Carlisle	166
commado	Expandable iteration on comma-separated and filename lists	Lück	318
commath	Mathematics typesetting support	Putschögl	388
comedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	503
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	127
comment	Selectively include/exclude portions of text	Eijkhout	197
comment_io	A Python script to comment and uncomment lines	Larsson	302
committee-font	A font designed by a committee	Unknown	491
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	388
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	156
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	516
compact-symbols	Compact lists of symbols	Sermutlu	430
compactbib	Multiple thebibliography environments	Lejay	306
compare	Compare two strings	McManus	334
competences	Track skills of classroom checks	Bares	137
complexity	Computational complexity class names	Bourke	155
components	Components of T <sub>E</sub> X	Schrod	424
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	373
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	455
computational-c...	Class for the journal Computational Complexity	Nüsken	359
computer-typese...	Content of the book Computer Typesetting Using L <sup>A</sup> T <sub>E</sub> X	Baldin	135
concepts	Keeping track of formal 'concepts' for a particular field	Helvensteijn	245
concmath-fonts	Concrete mathematics fonts	Vieth	506
concmath-otf	Concrete based OpenType Math font	Flipo	209
concmath	Concrete Math fonts	Vieth	506
concprog	Concert programmes	Brodnik	158
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	243
concrete	Concrete Roman fonts	Knuth	285
CondiTeXt	Define and manage conditional content	Brabant	156
confproc	A set of tools for generating conference proceedings	Verfaille	501
consdiag	A utility for OO programming documentation	Algaba	127
constants	Automatic numbering of constants	Lejay	307
conteg	Typeset multiline continued equalities	Breitner	157
context-account	A simple accounting package	Schuster	426
context-algorit...	Algorithm handling in ConTeXt	Schuster	426
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	426
context-annotation	Annotate text blocks	Schuster	426

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-bnf	A BNF module for ConTeXt	Weibull	520
context-chromato	ConTeXt macros for chromatograms	Münster	347
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	347
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	348
context-constru...	Construction plans in ConTeXt	Münster	348
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	219
context-degrade	Degrading JPEG images in ConTeXt	Münster	348
context-fancybreak	Overfull pages with ConTeXt	Schuster	427
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	325
context-fixme	Make editorial marks on a document	Schuster	427
context-french	Support for writing French in ConTeXt	Münster	348
context-fullpage	Overfull pages with ConTeXt	Schuster	427
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	396
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	337
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	237
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	348
context-layout	Show ConTeXt layouts	Gundlach	234
context-letter	ConTeXt package for writing letters	Schuster	427
context-lettrine	A ConTeXt implementation of lettrines	Hoekwater, Flipo	250
context-lilypond	Lilypond code in ConTeXt	Creutzig	181
context-mathsets	Set notation in ConTeXt	Mahajan	326
context-notes-z...	Notes on using ConTeXt MkIV	Li	309
context-rst	Process reStructuredText with ConTeXt	Gesang	219
context-ruby	Ruby annotations in ConTeXt	Schuster	427
context-sgf	A Go system in ConTeXt	Chen, Schuster	173
context-simplef...	Simplified font usage for ConTeXt	Schuster	427
context-simples...	A module for preparing presentations	Mahajan, Schmitz	326
context-taspresent	Simple presentations using ConTeXt	Schmitz	422
context-title	Place document titles	Schuster	427
context-top-ten	The "top ten" ConTeXt commands	Corsair	180
context-transli...	Transliterate text from 'other' alphabets	Gesang	219
context-typearea	Something like Koma-Script typearea	Münster	348
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	427
context-URWGara...	ConTeXt support for URW Garamond font	Münster	348
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	250
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	326
context-visualc...	Visual display of ConTeXt counters	Mahajan	326
context	The ConTeXt macro package	Hagen	236
continue	Prints 'continuation' marks on pages of multipage documents	Wilson, Robertson	526
contour	Print a coloured contour around text	Harders, Høgholm	241
contracard	Generate calling cards for dances	Whited	521
conv-xkv	Create new key-value syntax	Story	450
convbkmk	Correct latex/uplatex bookmarks in PDF created with hyperref	Tanaka	465
convert	Generate Knuthian encoding for text files	Raichle	391
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	507
cooking	Typeset recipes	Reichert	394
cookingsymbols	Symbols for recipes	Harder	239
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	221
cool	Content-Oriented L <sup>A</sup> T <sub>E</sub> X	Setzer	430
coolfn	Typeset long legal footnotes	Granet	228
coollist	Manipulate Content Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	430
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	430
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	216



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	372
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	530
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	469
coordsys	Draw cartesian coordinate systems	Hansen	238
copac-clean	Automatic editing of Copac/BibTeX records	Milanese	337
coptic	Coptic Fonts	Rosmorduc	407
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	389
copypaste	Copy and paste into and across documents	Lourenço de Lima	310
copyrightbox	Provide copyright notices for images in a document	van der Flaas	209
corelfonts	An installation script for Corel Ventura fonts	McClelland	332
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	482
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	527
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	469
correctmathalign	Correct spacing of the alignment in expressions	Kieda	275
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	382
corridx-latex	Correct index entries for chemical compounds	Fink	208
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	208
coseoul	Context sensitive outline elements	Teubner	472
countito	Make use of count1 to count9	Schröder, Peischl	425
countriofeurope	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	540
counttexruns	Count compilations of a document	Schneider	423
courier scaled	Provides a scaled Courier font	Schulz	426
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	258
couriertn	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	338
courseoutline	Prepare university course outlines	Gall	217
coursepaper	Prepare university course papers	Gall	217
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	292
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	372
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	444
cprog	Typeset C programs	McManus	334
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	210
cprotectinside	Use cprotect arbitrarily nested	user202729	498
cpssp	Draw protein secondary structures	Skala	439
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	293
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	517
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	540
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	274
create-struktex	Create struktex code	Lenser	308
create-theorem	Multilingual support for theorem-like environments	XU	531
crefthe	Cross referencing with proper definite articles	XU	531
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	541
crop	Support for cropmarks	Franz, Thomas	213
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	489
cropmark	Crop marks on \shipout	Eijkhout	197
cropmarks-pt	Philip Taylor’s cropmarks macros	Taylor	466
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	466
crossreference	Crossreferences within documents	Filby	206



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
crossreftools	Expandable extraction of cleveref data	Hupfer	257
crossrefware	Scripts for working with crossref.org	Veytsman	503
crosstex	Bibliography management tool	Burgess, Sirer	162
crossword	Typeset crossword puzzles	Neugebauer	351
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	272
crudetype	Line printer output from DVI files	Damerell	184
crumbs	Add a Navigation Path to the page header	Bugayenko	160
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	299
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	340
cryst	Font for graphical symbols used in crystallography	Müller	345
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	138
csbulletin	L <sup>A</sup> T <sub>E</sub> X class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	358
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	368
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	358
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	383
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	541
csname-doc	A list of plain.tex cs names	Unknown	491
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	368
cspsfnts	Czech/Slovakian PostScript font support	Olšák, Wagner	368
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	179
csquotes	Context sensitive quotation facilities	Lehman, Wright	306
css-colors	Named colors for web-safe design	Buxbaum	164
CSTeX	Support for Czech/Slovak languages	Olšák	368
cstypo	Czech typography rules enforced through LuaT <sub>E</sub> X hooks	Haisman	236
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	347
csvmerge	Merge T <sub>E</sub> X code with csv data	Taylor	466
csvsimple	Simple CSV file processing	Sturm	454
csvtolatex	Link spread sheets to L <sup>A</sup> T <sub>E</sub> X	Pietsch	381
csvtools	Reading data from CSV files	Talbot	460
csx	Computer Sanskrit/(Extended) coding support on MS-DOS	Wujastyk, Friedlander	530
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	185
ctablestack	Catcode table stable support	L <sup>A</sup> T <sub>E</sub> X Team	476
ctan-bibdata	Bibliography data for all CTAN packages	Voß	509
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	352
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	151
ctanbib	Export CTAN entries to bib format	Hoftich	252
ctanify	Prepare a package for upload to CTAN	Pakin	372
CTAN tools	A jiffy to search CTAN file list	Huynh	258
ctanupload	Support for users uploading to CTAN	Scharrer	416
ctex-faq	L <sup>A</sup> T <sub>E</sub> X FAQ by the Chinese T <sub>E</sub> X Society (ctex.org)	Wu	530
ctex	L <sup>A</sup> T <sub>E</sub> X classes and packages for Chinese typesetting	Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen	304
ctib4tex	Tibetan for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub>	Corff	179
ctie	C version of tie (merging Web change files)	Gilbey	221
cuisine	Typeset recipes	Cohen	178
cun	A cuneiform font	Grant	229
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	407
currency	Format currencies in a consistent way	Lejay	307
currfile	Provide file name and path of input files	Scharrer	416
currvita	Typeset a curriculum vitae	Reichert	395

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cursorlatex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	165
cursor	Draw a cursor in an equation	Spit	443
CurVe	A class for making curriculum vitae	Verna	502
curve2e	Extensions for package pict2e	Beccari	141
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	MacLaine-Cross	324
custom-bib	Customised BibTeX styles	Daly	183
customdice	Simple commands for drawing customisable dice	Rowlett	410
cuted	Mixing onecolumn and twocolumn modes	Tolušis	483
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	526
cv	A package for creating a curriculum vitae	Maier	326
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	227
CVsty	Yet another style for easy CV pagination	Pereira	379
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	424
cweb	A Web system in C	Knuth, Scherer, Levy	287
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	419
cweb-hy	Insert hyperlinks for included files	Melendez	335
cwebx	A system for Structured Software Documentation in C	van Leeuwen	305
cyber	Annotate compliance with cybersecurity requirements	Jennings	264
cybercic	“Controls in Contents” for the cyber package	Jennings	264
cyklop	The Cyclop typeface	Nowacki	359
cyriot	A script which was used on Cyprus for writing Greek	Wilson	524
cyriote	A font for ancient Cyriot Greek inscriptions	Stanier	446
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	509
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	270
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	144
cyrtug	EmTeX as distributed by CyrTUG	Goossens	226
czhyph	Hyphenation patterns for Czech	Unknown	491
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	307
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	239
dancers	Font for Conan Doyle’s “The Dancing Men”	Stanier	446
dante-book-reviews	Book reviews published in DANTE’s journal	Faulhammer	204
dantelogo	A font for DANTE’s logo	Voß, Höppner	513
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	185
dashbox	Draw dashed boxes	Thomas	480
dashrule	Draw dashed rules	Pakin	372
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	340
dateref	Manage references to experimental data	Dietrich	188
datatool	Tools to load and manipulate data	Talbot	460
datatooltk	A Java GUI for preparing datatool input	Talbot	460
datax	Import individual data from script files	Gustavsson	235
dateiliste	Extensions of the \listfiles concept	Ebermann	195
datenumbr	Convert a date into a number and vice versa	Schröder	425
datepicker-pro	Create a popup datepicker using SWF	Story	450
dates	Macros for parsing date strings	Bennett	146
dates209	Flexible date macros	Clark	176
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	491
datetime	Change format of \today with commands for current time	Talbot	460
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	460
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	464
datetime2-breton	Breton language module for the datetime2 package	Talbot	460
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	460
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	460
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	464

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-czech	Czech language module for the datetime2 package	Talbot	460
datetime2-danish	Danish language module for the datetime2 package	Talbot	460
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	460
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	460
datetime2-english	English language module for the datetime2 package	Talbot	460
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	460
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	460
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	499
datetime2-french	French language module for the datetime2 package	Talbot, Patience	464
datetime2-galician	Galician language module for the datetime2 package	Talbot	461
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	464
datetime2-greek	Greek language module for the datetime2 package	Talbot	461
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	461
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	461
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	461
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	193
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	464
datetime2-latin	Latin language module for the datetime2 package	Talbot	461
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	461
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	461
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	461
datetime2-polish	Polish language module for the datetime2 package	Talbot	461
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	461
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	465
datetime2-russian	Russian language module for the datetime2 package	Talbot	461
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	461
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	461
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	465
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	461
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	461
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	461
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	462
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	462
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	465
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	462
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	462
datetime2	Formats for dates, times and time zones	Talbot	460
dayofweek	Calculate day of week, phase of moon	Minow	339
DayRoman	The Day Roman typeface	Schmidt, Harcombe	420
daytime	Print time of day	Orlandini, Greenwade	369
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	374
dblfloatfix	Fixes for twocolumn floats	Høgholm	253
dblfnote	Double-column footnotes	Nakashima	350
dblfont	Blackboard bold font package	Bosisio	154
DB_process	Process database output	Eijkhout	197
dbshow	A package to store and display data with custom filters, orders, and styles	Li	309
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	136
dco	Use the DC fonts with old-style numerals	Kirsch	278
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	168
dcounter	Support dynamic counters	Rozhenko	411
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	388
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	324
de-macro	Expand private macros in a document	Gács	216
debate	Debates between reviewers	Bugayenko	161

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	459
decision-table	An easy way to create Decision Model and Notation decision tables	Vandeveld, Pantigny	499
declare	Declare register names locally	Pittman, Burleson	383
decorule	Decorative swelled rule using font character	Flynn	211
decsci	BibTeX style for the journal Decision Sciences	Rubin	412
dectab	Align columns on a decimal point	Franklin	213
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	265
deflist	A variation on the description environment	Unknown	491
defstring	Define macros as verbatim macros	Unknown	491
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	348
dehyph-expt1	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	308
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	308
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	509
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	204
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	168
deleq	Flexible numbering of equations	Dahlgren	182
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	518
delim	Simplify typesetting mathematical delimiters	Majewsky	326
delimseasy	Delimiter commands that are easy to use and resize	Graham	227
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	144
delimtxt	Read and parse text tables	Pedersen	378
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	215
denisbdoc	A personal dirty package for documenting packages	Bitouzé	149
deproc	Macros for DECUS proceedings articles	Beeton	144
derivative	Nice and easy derivatives	Jensen	265
desclist	Extended “description” lists	Rozhenko	411
designcon	Develop DesignCon papers	Pupalaikis	387
detex	Strip T <sub>E</sub> X from a source file	Trinkle	485
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	234
devanagari-omega	Typeset Devanagari with Omega	Unknown	491
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	516
development	BibTeX style file for the journal Development	Eglen	196
dfgproposal	Support for writing proposals to the DFG	Kohlhase	288
dhua	German abbreviations using thin space	Lück	318
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	232
diadia	Package to keep a diabetes diary	Kleber	279
diagbox	Table heads with diagonal lines	Liu	311
diagmac	A diagram drawing package	Reynolds	397
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	472
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	179
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	220
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	474
diagxy	Diagram macros by Michael Barr	Barr	137
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	191
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	455
dice	A font for die faces	Heim	243
dichokey	Construct dichotomous identification keys	Dam	184
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	462
dictsym	DictSym font and macro package	Schmidt, Harcombe	420
diffcoeff	Write differential coefficients easily and consistently	Parsloe	376
digicap-pro	Creates captions to digital photos	Story	450
digiconfigs	Writing “configurations”	Madsen	324
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	467

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dimnum	Commands for dimensionless numbers	Clemente	177
din1505	Bibliography styles for German texts	Lorenzen, Baumann	316
dinat	Bibliography style for German texts	Baumann	140
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	164
dinbrief	German letter DIN style	Braune, Gussmann	157
dingbat	Two dingbat symbol fonts	Henderson, Pakin	246
directory	An address book using BibTeX	Geuzaine	219
directtex	TeX for the Macintosh	Ricken	397
dirtree	Display trees in the style of windows explorer	Charpentier	172
dirtytalk	A package to typeset quotations easier	Klammler	279
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	294
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	488
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	327
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	503
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	538
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	266
dkhyphen	Danish hyphenation patterns	Jensen	264
dktools	Tools and libraries by Dirk Krause	Krause	293
dlfltxb	Macros related to "Introduktion til L <sup>A</sup> T <sub>E</sub> X"	Madsen	324
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	455
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	491
dnaseq	Format DNA base sequences	Pedersen	378
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	248
doafter	Do things after a group	Wooding	528
doc-pictex	A summary list of PicTeX documentation	Lück	318
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	341
docarc	Multi-user distributed bibliographic database system	Kieling	276
docassembly	Use the Acrobat JavaScript API	Story	451
docbytex	Creating documentation from source code	Olšák	368
doclicense	Support for putting documents under a license	Schneider	423
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	401
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	485
docshots	TeX samples next to their PDF Snapshots	Bugayenko	161
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	341
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	194
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	385
documentation	Documentation support for C, Java and assembler code	Morales	343
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	338
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	503
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	441
doipubmed	Special commands for use in bibliographies	Talbot	462
domitian	Drop-in replacement for Palatino	Miller	338
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	419
dosepsbin	Deal with DOS binary EPS files	Oberdiek	360
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	204
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	204
dotarrow	Extendable dotted arrows	Schneider	423
dotlessi	Provides dotless i's and j's for use in any math font	Bezos López	313
dotlessj	Generates a dot-less j	Carlisle	166
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	131
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	292
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	491
doubleSPACE	Double space environment	Page	371
doublestroke	Typeset mathematical double stroke symbols	Kummer	297
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	491



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dow	Calculate day of week from a numeric date	Unknown	491
dowith	Apply a command to a list of items	Lück	318
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	437
dox	Extend the doc package	Verna	502
dozenal	Typeset documents using base twelve numbering (also called “dozenal”)	Goodman	225
DPcircling	Decorated text boxes using TikZ	Mitsuaki	340
dpfloat	Support for double-page floats	Fox	212
dprogress	LaTeX-relevant log information for debugging	Amberg	128
dps	Create a “matching” game with a hidden message	Story	451
drac	Declare active character substitution, robustly	Henel, Noirel	247
draft	A L <sup>A</sup> T <sub>E</sub> X 2.09 style for supporting work on drafts	Baker	135
draftcopy	Identify draft copies	Vollmer	508
draftfigure	Replace figures with a white box and additional features	Bossert	154
drafthead	Mark “DRAFT” in page headers	Page	371
draftmark	Put draft marks on selected pages	Musa	349
draftwatermark	Put a grey textual watermark on document pages	Callegari	164
drama	Production-style stage script in L <sup>A</sup> T <sub>E</sub> X	Swift	456
dramatist	Typeset dramas, both in verse and in prose	Dominici	189
dratex	General drawing macros	Gurari	235
drawing	Simple drawings with Metafont	Wagner	515
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	379
drawstack	Draw execution stacks	Moy	345
drcaps	Simple dropped capitals	Shipunov	435
drftcite	Print the bibliography in “draft” mode	Arseneau	131
drm	A complete family of fonts written in Metafont	Goodman	225
droid	L <sup>A</sup> T <sub>E</sub> X support for the Droid font families	El Morabity, Matteson	343
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	413
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	165
dropcaps	Use dropped capitals to start a paragraph	Lauwers	303
dropping	Drop first letter of paragraphs	Dahlgren	182
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	189
drv	Derivation trees with MetaPost	Méhats	335
dspticks	Macros for Digital Signal Processing plots	Prandoni	386
DSSerif	A double-struck serified font for mathematical use	Sharpe	431
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	353
dtk-bibliography	Bibliography of “Die T <sub>E</sub> Xnische Komödie”	Ziegenhagen	540
dtk	Document class for the journal of DANTE	Voß, Niepraschk	514
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	482
dtxdescribe	Describe additional object types in dtx source files	Dunn	194
DTX gallery	A small collection of minimal DTX examples	Robertson	399
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	185
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	372
ducksay	Draw ASCII art of animals saying a specified message	Spratte	444
duckuments	Create duckified dummy content	Spratte	444
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	266
duerer	Computer Duerer fonts	Hoenig	250
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	241
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	382
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	431
dvdcoll	A class for typesetting DVD archives	Kleber	279
dv gloss	Facilities for setting interlinear glossed text	Velleman	501
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	482
dvgtk	Tektronix 401x DVI previewer	Cholewo	175
dvi-economic	Save paper while printing	Verhoeven	502



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dvi2bitmap	Utility to convert $\TeX$ DVI files directly to bitmaps	Gray	229
dvi2ln3	LN03 driver based on DVIttype	Rose	407
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	310
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	353
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	175
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	430
dvibook	Utilities for manipulating DVI files	Duggan	193
dvichk	List the page numbers in a DVI file	Esken	200
dviconcat	Concatenates DVI files	Unknown	491
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	157
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, $\TeX$ Live	405
dvi i	Extract information from a DVI file	Lewenberg	308
dviincl	Include a DVI page into MetaPost output	BOP	152
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	532
dvi ljk	DVI to Laserjet output	Berry, Schrod, $\TeX$ Live	147
dvimerge	Merge two DVI files together	Rahtz	389
dviout	$\TeX$ previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	484
dvipaste	DVI manipulation	MacKay, Spivak	324
dvipdfm	A DVI driver to produce PDF directly	Wicks	522
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, $\LaTeX$ Team	175
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, $\TeX$ Live	175
dvipng	A fast DVI to PNG/GIF converter	Larsson	302
dvips-os2	OS/2 dvips	Kim	277
dvips-shell	A dvips Shell for MS-Windows32	Unknown	491
dvips	A DVI to PostScript driver	Rokicki, $\TeX$ Live	405
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	360
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	296
dvipsk	Convert DVI to PostScript	Rokicki, Berry	405
dvisirule	Superimpose the covered hline and vline in a $\LaTeX$ tabular/colortbl environment	Senju	430
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	487
dvusun	DVI viewer for Sun2 systems	Hutchinson	257
dvsvgm-def	Colour and Graphics support for dvsvgm	$\LaTeX$ Team	476
dvsvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesecking	220
DVItoLN03	DVI output to Digital LN03 printer	Hamilton Kelly	272
dvitops	A DVI driver for PostScript output	Clark	176
dvitty	A plain-text output DVI driver	Lindahl	310
dvitype	Type out the content of a DVI file	Knuth	285
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	268
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	430
dynamicnumber	Dynamically typeset numbers and values in $\LaTeX$ through “symbolic links”	Pieters	381
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	206
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	177
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	333
dyntree	Construct Dynkin tree diagrams	Setzer	430
<b>EEEE</b>			
e-french	Comprehensive $\LaTeX$ support for French-language typesetting	Gaulle, Juillerat	218
ean	Macros for making EAN barcodes	Olšák	368
ean13isbn	Print EAN13 for ISBN	Wagner	515

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
easing	easing functions for pgfmath	Loh	312
easy-todo	To-do notes in a document	Rada-Vilela	388
easy	A collection of easy-to-use macros	Bertolazzi	148
easybib	Simple syntax for custom bibliographies	Bertolazzi	148
easybmat	Block matrices	Bertolazzi	148
easybook	Easily typesetting Chinese theses or books	Yi	535
easyeqn	A simple package for writing equations	Bertolazzi	148
easyfig	Simplifying the use of common figures	Scharrer	416
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	541
easyformat	Easily add boldface, italics and smallcaps	Provoost	387
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	431
easylist	Lists using a single active character	Isambert, Robbers	259
easymat	A simple package for writing matrices	Bertolazzi	148
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	330
easytable	A simple package for writing tables	Bertolazzi	148
easyvector	Write vectors in a C-like fashion	Bertolazzi	148
ebezier	Device independent picture environment enhancement	Bachmaier	135
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	394
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	469
ebib	BibTeX database manager for GNU Emacs	Kremers	293
ebnf	Simple package for EBNF productions	Cugley	182
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	137
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	447
ebproof	Formal proofs in the style of sequent calculus	Beffara	144
ebsthesis	Typesetting theses for economics	Baecker	135
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	466
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	284
ecards	Electronic flash cards	Story	451
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	420
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	141
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	415
ecitree	Trees using epic and eepic macros	Isozaki	260
eco	Oldstyle numerals using EC fonts	Kirsch	278
ecobiblatex	Global Ecology and Biogeography BibL <sup>A</sup> T <sub>E</sub> X styles for the Biber back-end	Balak	135
econ-bst	BibTeX style for economics papers	Takeda	460
econlipsum	Generate sentences from economic articles	Coleman	178
Econometrica	BibTeX support for Econometrica	Border, Horny	153
econometrics	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	291
economic	BibTeX support for submitting to Economics journals	Henningsen, Wigle	248
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	403
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	379
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	235
eczar	A font family supporting Devanagari and Latin script	Unknown	491
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	288
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	262
edfnotes	Critical annotations to footnotes with ednotes	Lück	318
edichokey	Typeset dichotomous identification keys	Yang	533
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	218
edmac	Typeset critical editions	Lavagnino, Wujastyk	303
edmargin	Multiple series of endnotes for critical editions	Burt	163
ednotes	Typeset scholarly editions	Lück	318

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eehyph	Hyphenation patterns for the Estonian language	Saar	413
eemeir	Adjust the gender of words in a document	Hansen	238
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	298
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	326
eforms	eForm support for the AcroTeX bundle	Story	451
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	397
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	370
egothic	Early Gothic manuscript book-hand font	Wilson	524
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	387
ehhline	Extend the \hhline command	Paciorek	371
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	347
eiad	Traditional style Irish fonts	Derzhanski	187
eijkhout	Victor Eijkhout's packages	Eijkhout	197
einfart	Write your articles in a simple and clear way	XU	531
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	509
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	509
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	357
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafaï	414
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	258
ekdosis	Typesetting TEI-xml compliant Critical Editions	Alessi	127
EkType-Tanka	Devanagari fonts by EkType	Unknown	491
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	301
electrumadf	Electrum ADF fonts collection	Rees	394
eledform	Define textual variants	Rouquette	409
eledmac	Typeset scholarly editions	Rouquette	409
eledpar	Typeset scholarly editions in parallel texts	Rouquette	409
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	186
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	186
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	186
elements	Provides properties of chemical elements	Niederberger	354
elhyphen	Hyphenation for Greek text	Filippou	207
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	306
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	248
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	459
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	166
elpres	A simple class for electronic presentations	Kiefel	275
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	389
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	389
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	182
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	217
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	156
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	536
emarks	Named mark registers with e-TeX	Chervet	174
embedall	Embed source files into the generated PDF	Sartori, Lichti	414
embedfile	Embed files into PDF	Oberdiek	361
embrac	Upright brackets in emphasised text	Niederberger	354
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	403
emf	Support for the EMF symbol	Jørgensen	266
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	437
emoji	Emoji support in (Lua)LaTeX	Zeng	538
emojicite	Add emojis to citations	Sixt	439
emp	"Encapsulate" MetaPost figures in a document	Ohl	367

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	253
emptypage	Make empty pages really empty	Wette	521
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	330
emtexgi	A MS-Windows shell for emTeX	Cottrell	181
emtrees	Draw labelled trees, using emTeX \specials	Boegeholz	151
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	507
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	479
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	368
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	516
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	224
endheads	Running headers of the form "Notes to pp.xx-yy"	Burt	163
endiagram	Easy creation of potential energy curve diagrams	Niederberger	354
endnote	Generic "endnotes" code	Unknown	492
EndNote2bib	Convert EndNote files to BibTeX	Mathar	329
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	451
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	218
endnotesj	Japanese-style endnotes	Yamashita	532
endofproofwd	An "end of proof" sign	Jensen	265
engord	Converts numbers to English ordinal numbers	Oberdiek	361
engpron	Helps to type the pronunciation of English words	Henel	246
engrec	Enumerate with lower- or uppercase Greek letters	Henel	246
engtlc	Support for users in Telecommunications Engineering	Fiandrino	206
engwar	Font for typesetting Tolkien Engwar script	Urban	497
enigma	Encrypt documents with a three rotor Enigma	Gesang	219
enotez	Support for end-notes	Niederberger	354
enparen	Consistent nested brackets	Oberdiek	361
enpassant	Enpassant chess font support	Fischer	209
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	168
enumitem-zref	Extended references to items for enumitem package	Chervet	174
enumitem	Control layout of itemize, enumerate, description	Bezos López	313
enumspec	Enumerate with extra leading character for labels	Greenwade	231
envbig	Printing addresses on envelopes	Manda, Sherman	327
envelope	Print envelopes	Sherman	434
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	399
envlab	Addresses on envelopes or mailing labels	Veytsman	503
envmath	Maths commands and environments	Bosisio	154
eolang	Formulas and graphs for the EO programming language	Bugayenko	161
eolgrab	Catch arguments delimited by end of line	Oberdiek	361
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	384
Epigrafica	A Greek and Latin font	Tsolomitis	485
epigram	Display short quotations	Hosek	254
epigraph-keys	Epigraphs using key values	McKay	333
epigraph	A package for typesetting epigraphs	Robertson, Wilson	401
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	457
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	258
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	147
epmtfe	TeX environment for OS/2	Schmidt	420
eppstein-trees	Macros for producing trees	Eppstein	200
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	262
epsdice	A scalable dice "font"	Heim	244
epsf-dvipdfmx	Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	269

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	405
epsfig	Include Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X documents	Rahtz, Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	390
epsfig209	Obsolete graphics inclusion macros	Whaite	521
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	313
epsfx	A T <sub>E</sub> X macro package for including EPS graphics	BOP	152
epsincl	Include EPS in MetaPost figures	BOP	152
epslatex	Guide to using Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X	Reckdahl	393
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	294
epspdf-setup	epspdf with GUI installer	Kroonenberg	294
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	294
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	143
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	301
epstopdf-pkg	Call epstopdf "on the fly"	Oberdiek	361
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	522
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	451
eq-pin2corr	Add PIN security to the "Correct" button of a quiz created by exerquiz	Story	451
eq-save	Save exerquiz quizzes and resume	Story	451
eq2db	Convert a quiz to one submitted to a server-side script	Story	451
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	206
eqexam	A stand-alone exam package	Story	451
eqexpl	Align explanations for formulas	Morenko	343
eqlist	Description lists with equal indentation	Väth	500
eqmark	Generalise facilities for marking equation arrays	Nitschke	357
EqmLite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	336
eqnalign	Make eqnarray behave like align	Hejda	244
eqname	Name tags for equations	Neugebauer	352
eqnarray	More generalised equation arrays with numbering	Winkler	527
eqnarray209	A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray	Jones	266
eqnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	222
eqparbox	Create equal-width parboxes	Pakin	372
equationauthor	Visual equation editor	Manhiça	327
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	504
erewhon-math	Utopia based OpenType Math font	Flipo	209
erewhon	Font package derived from Heuristica and Utopia	Sharpe	431
errata	Error markup for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	288
erw-l3	Utilities based on L <sup>A</sup> T <sub>E</sub> X3	Rogard	404
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	336
escapeTeXt	Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X	Hefferon	243
esdiff	Simplify typesetting of derivatives	Saudrais	415
esieecv	Curriculum vitae for French use	Bayart	140
esindex	Typset index entries in Spanish documents	Bezos López	313
esint-type1	Font esint10 in Type 1 format	Nikunen	357
esint	Extended set of integrals for Computer Modern	Saudrais	415
esk	Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources	Kazimiers	272
eskd	Modern Russian typesetting	Fyodorov	216
eskdX	Modern Russian typesetting	Korikov	292
eslides	An option for article style to make slides	Denk	186
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	356
esperant	Style option for writing Esperanto texts	Knappen	283
espo	Customisation for Esperanto	Unknown	492
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	395
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	432
estcpmm	Style for Munitions Management Project Reports	Veytsman	504



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
esvect	Vector arrows	Saudrais	415
et	TeX-compatible editor	Collins	178
etaremun	Reverse-counting enumerate environment	Adriaens	125
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	432
etdipa	Simple, lightweight template for scientific documents	Laube	302
etex-pkg	E-TeX support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	168
e-TeX	An extended version of T <sub>E</sub> X, from the NTS project	Breitenlohner, T <sub>E</sub> XLive	157
etexcmds	Avoid name clashes with e-TeX commands	Oberdiek	361
etextools	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	174
ethiop-tl	Type 1 versions of Amharic fonts	Rosenau	407
ethiop	L <sup>A</sup> T <sub>E</sub> X macros and fonts for typesetting Amharic	Beyene, Kudlec, Kummer, Metzinger	148
ethtex	Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic	Alamnehe	126
etl	Expandable token list operations	Spratte	444
etoc	Completely customisable TOCs	Burnol	162
etoolbox-de	German translation of documentation of etoolbox	Endering	199
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	306
etruscan	Fonts for the Etruscan script	Wilson	524
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	185
euclideangeometry	Draw geometrical constructions	Beccari	141
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	400
euflag	A command to reproduce the flag of the European Union	Flynn	211
eukdate	UK format dates, with weekday	Moschou	344
eukleides	A geometry drawing system	Obrecht	366
euler	Use AMS Euler fonts for math	Jensen	265
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	370
eulervm	Euler virtual math fonts	Schmidt, Harcombe	420
euproposal	A class for preparing FP7 proposals	Kohlhase	288
euro-ce	Euro and CE sign font	de Wijn	522
euro	Provide Euro values for national currency amounts	Franz	213
eurofont	Provides a command that prints a euro symbol	McDonnell	333
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	419
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	332
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	507
europs	Access to Adobe's Euro currency symbol fonts	Clausen	177
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	420
eurosym	Metafont and macros for Euro sign	Theiling	480
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	125
euxunicode	Generate Unicode characters from accented glyphs	Robertson	399
evautofl	Pages with cut lines and punch marks	Vicentini	505
evenpage	Ensure that the total number of pages is even	Bosisio	154
everyhook	Hooks for standard T <sub>E</sub> X token lists	Checkoway	172
everypage	Provide hooks to be run on every page of a document	Callegari	164
everyse	Provides hooks into \selectfont	Schröder, Peischl	425
everyshi	Take action at every \shipout	Schröder, Peischl	425
evweek	Weekly calendar	Vicentini	506
exam-n	Exam class, focused on collaborative authoring	Gray	229
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	159
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	235
exam	Package for typesetting exam scripts	Hirschhorn	250
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	231
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	127
example	Typeset examples for T <sub>E</sub> X courses	Schrod	424
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	459

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
exams	Typeset exam questions	van der Meer	335
excalibur	Macintosh spell checker	Zacccone	536
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	327
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	189
excludeonly	Prevent files being \include-ed	Luecking, Arseneau	321
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	380
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	453
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	273
exercises	Typeset exercises and solutions with automatic addition of points	Jud	268
exerquiz	Environments for defining exercises and quizzes	Story	451
exesheet	Typesetting exercise or exam sheets	Missier	339
exframe	Framework for exercise problems	Beisert	145
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	195
expdlist	Expanded description environments	Hülse, Kaspar	257
expex-acro	Wrapper for the expex package	Matter	330
expex	Linguistic examples and glosses, with reference capabilities	Frampton	213
expkv-cs	Define expandable key=val macros using expkv	Spratte	444
expkv-def	A key-defining frontend for expkv	Spratte	445
expkv-opt	Parse class and package options with expkv	Spratte	445
expkv	An expandable key=val implementation	Spratte	444
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	476
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Drucbert	192
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	246
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	524
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	341
exsheets	Create exercise sheets and exams	Niederberger	354
exsol	Exercises and solutions from the same source, into a book	Daems	182
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	258
extdash	A range of dash commands for compound words	Rozhenko	411
exteps	Include EPS figures in MetaPost	Jørgensen	266
extpfeil	Extensible arrows in mathematics	Ebermann	195
extract	Extract parts of a document and write to another document	Adriaens	125
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	255
extradefs	A miscellany of support macros	McPherson	334
extsizes	Extend the standard classes' size options	Kilfiger, May	277
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	528
facsimile	Document class for preparing faxes	Bronger	158
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	537
facture-belge-s...	Simple Belgian invoice without VAT	Sebille	428
facture	Generate an invoice	Rouquette, Gombin	409
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	274
fakebold	A simple macro for faking bold fonts	Unknown	492
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	195
faltblat	Making Leaflets	Klöckl	282
familytree	Draw family trees	Senju	430
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	172
fancybox	Variants of \fbox and other games with boxes	Van Zandt	537
fancy chapters	Chapters with quotations	Heitkoetter	244
fancyfolien	Fancyhdr outline for German readers	Steffani	447
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	214

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	126
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	369
fancyhdrboxed	Elaborate page headers, specified in a non-L <sup>A</sup> T <sub>E</sub> X language	Algaba	127
fancyheadings	Legacy headings package	van Oostrum	369
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	436
fancynum	Typeset numbers	Green	230
fancypar	Decoration of individual paragraphs	Medina Arellano	130
fancyqr	Fancy QR-Codes with TikZ	Sihler	437
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	395
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	322
fancytabs	Fancy page border tabs	Pinson	383
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	327
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	538
fandol	Four basic fonts for Chinese typesetting	Ma	324
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	391
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martín	328
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	283
fascicules	Create mathematical manuals for schools	Moritz	343
fast-diagram	Easy generation of FAST diagrams	Allais	128
fastpictex	Simple specification of PicTeX diagrams	Stauss	447
fax	Document class for preparing faxes	Rhebergen, de Jonge	397
fbb	A free Bembo-like font	Sharpe	432
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	188
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	509
fbs	BibTeX style for Frontiers in Bioscience	Suckale	455
fc-arith	Create an arithmetic flash card	Story	451
fc	Fonts for African languages	Knappen	283
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	268
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	423
fcitxdoc	Macros for use in the author's documentation	Chervet	174
fcolumm	Typesetting financial tables	Olthof	368
fdsymbol	A maths symbol font	Ummels	488
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	538
featpost	MetaPost macros for 3D	Gonçalves	224
fei	Class for academic works at FEI University Center — Brazil	De Rizzo Meneghetti	336
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	398
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	192
fetamont	Extended version of Knuth's logo typeface	Romer	406
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	451
fetchcls	Fetch the current class name	Giannotti	220
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	200
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	340
feyn	A font for in-text Feynman diagrams	Gray	230
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	308
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	367
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	231
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	161
ffslides	Freeform slides based on the article class	Wolters	528
fge	A font for Frege's Grundgesetze der Arithmetik	Green	230
fgruler	Draw rulers on the foreground or in the text	Tómacs	483
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	270
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	358

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fibnum	Generate Fibonacci numbers	Oberdiek	361
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	318
fifinddo	Filtering files using $\TeX$	Lück	318
fifo-stack	FIFO and stack implementation for package writers	Gaito	217
fig2eng	Convert fig files to English	Tobin	482
fig2lat	Convert .fig files to vector graphics	Krause	293
fig2mf	Convert fig output to Metafont	Starks	447
fig2mfpic	Convert fig output to mfpic	Tobin	482
fig2sty	Use fig as layout designer for $\LaTeX$	Rohner	405
fig2vect	Yet another Fig to vector converter	Krause	293
fig4latex	Management of figures for large $\LaTeX$ documents	Fields	206
figbas	Mini-fonts for figured-bass notation in music	Tennent	469
FigBib	Organize figure databases with BibTeX	Poland	384
figcaps	Collect figure captions for later printing	Daly	183
figchild	Pictures for creating children's activities	de Souza Bastos	443
figflow	Flow text around a figure	Hutchinson	257
figfrag	Convert xfig figures with embedded $\LaTeX$ commands to EPS	Ditzel	189
figplace	Floating figures in Plain $\TeX$	Zalmstra	537
figput	Create interactive figures in $\LaTeX$	Fairman	203
figsinltx	A tutorial on figures in $\LaTeX$ 2.09	Goel	223
FigSize	Auto-size graphics	Tanbakuchi	465
fihyph	Hyphenation patterns for Finnish language	Hellgren	245
filecontents	Create an external file from within a $\LaTeX$ document	Pakin	372
filecontentsdef	filecontents + macro + verbatim	Burnol	162
filedate	Access and compare info and modification dates	Lück	318
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	340
filehdr	Self-descriptions in file headers	Beebe	143
filehook	Hooks for input files	Scharrer	416
fileinfo	Enhanced display of $\LaTeX$ File Information	Lück	318
filemod	Provide file modification times, and compare them	Scharrer	417
fillform	Typeset answers to overprint on printed forms	Wagner	516
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	351
findhyph	Find hyphenated words in a document	Budaj	160
FiNK	The $\LaTeX$ 2e File Name Keeper	Verna	502
Finomaton	Comfortably draw and typeset finite state machines	Triska	485
finplain	A Finnish version of plain.bst	Kaijanaho	269
finstrut	Adjust behaviour of the ends of footnotes	Lück	318
fira	Fira fonts with $\LaTeX$ support	Tennent	469
firamath-otf	Use OpenType math font Fira Math	Voß	510
firamath	Fira sans serif font with Unicode math support	Zeng	538
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	199
first-latex-doc	A document for absolute $\LaTeX$ beginners	Hefferon, Pégourié-Gonnard, Berry	243
first-packages	A short list of go-to $\LaTeX$ packages, aimed at a beginner	Hefferon	243
firstline	Print the first line of a paragraph in a different font	Fox	212
firststeps-xampl	Examples from "First steps in $\LaTeX$ "	Grätzer	229
fitbox	Fit graphics on a page	Veytsman	504
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	358
FitR	Set a rectangular destination and jump to it	Story	451
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, $\LaTeX$ Team	422
fix2col	Fix miscellaneous two column mode features	Carlisle	166
fixbbl	Patch bibliographies inappropriately broken by BibTeX	Stajano	446
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	231
fixdif	Macros for typesetting differential operators	Zhang	539

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	202
fixjfm	Fix JFM (for *pTeX)	Zhang	539
fixlatvian	Improve Latvian language support in Xe <sub>La</sub> TeX	Vihrov	507
fixltx2e	Patches for L <sup>A</sup> TeX	L <sup>A</sup> TeX Team	476
fixltxhyph	Allow hyphenation of partially-emphasised substrings	Beccari	141
fixmath	Make maths comply with ISO 31-0:1992 to ISO 31-13:1992	Schmidt, Harcombe	421
FixMe	Collaborative annotation tool for L <sup>A</sup> TeX	Verna	502
fixmetodonotes	Add notes on document development	Barabucci	137
fixocgx	Add support for dvips+ps2pdf, Xe <sub>La</sub> TeX, dvi2pdfmx to the ocgx package	Grahn	227
fixpdfmag	Fix magnification in pdfTeX	Bezos López	313
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	439
fjodor	A selection of layout styles	Filipović	206
flabels	Labels for files and folders	Börchers	152
flacards	Generate flashcards for printing	Stuhrmann	454
flagderiv	Flag style derivation package	van Tilburg	481
flags	Setting and clearing of flags in bit fields	Oberdiek	361
flashcard	Typeset flash cards	Kilfinger	276
flashcards	A class for typesetting flashcards	Budge, Vernon	160
flashmovie	Directly embed flash movies into PDF files	Hartmann	242
flatex	Flatten \input, etc., in a L <sup>A</sup> TeX file	Har-Peled	238
flatten	Flatten \input, etc., in a L <sup>A</sup> TeX file	Wilson	524
fldigal	Create a Flash slide show of digital photos	Story	451
flexipage	Flexible page geometry with marginalia	Vrba	514
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	253
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	160
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	165
float	Improved interface for floating objects	Lingnau	311
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	284
floatflt	Wrap text around floats	Dahlgren	183
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	390
floatpag	Different pagestyles on float pages	Statulevičius	447
floatrow	Modifying the layout of floats	Lapko	302
flow	Draw flow diagrams in picture mode	Brown	159
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	403
flowfram	Create text frames for posters, brochures or magazines	Talbot	462
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	462
fltpage	Place caption on an adjacent page	Gross	233
fltpoint	Simple floating point arithmetic	Guthöhrlein	235
flushend	Balancing columns at last page	Tolušis	483
fmp	Include Functional MetaPost in L <sup>A</sup> TeX	Kuhlmann	296
fmtcount	Display the value of a L <sup>A</sup> TeX counter in a variety of formats	Talbot, Belaïche	464
fn2end	Convert footnotes to endnotes	Border	153
fnbreak	Warn for split footnotes	Harders	240
fncychap	Seven predefined chapter heading styles	Lindgren	310
fncylab	Alter the format of \label references	Fairbairns, Carlisle	202
fnlineno	Number the lines of footnotes	Lück	319
fnote	Auto-numbered footnotes in Plain T <sub>E</sub> X	Unknown	492
fnpara-pln	Footnotes in paragraphs	Wujastyk	530
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	410
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	354
fnpos	Control the position of footnotes on the page	Nakashima	350
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	538
fntguide	Documentation of L <sup>A</sup> TeX font commands	L <sup>A</sup> TeX Team	476
fntproof	A programmable font test pattern generator	Luecking	320



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fnumprint	Print a number in ‘appropriate’ format	Schneider	423
foekfont	The title font of the Mads Føk magazine	Jørgensen	267
foillhtml	Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML	Veytsman	504
foiltex	A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies	Hafner	236
folio	Use folio numbers to replace page numbers	Syrjänen	457
fonetika	Support for the Danish “Dania” phonetic system	Jørgensen	267
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	188
font-change	Macros to change text and mathematics fonts in plain T <sub>E</sub> X	Dhawan	188
font_selection	Font selection for plain T <sub>E</sub> X	de Wijn	522
fontawesome	Font containing web-related icons	Danaux, Gandy	184
fontawesome5	Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support	Krüger	294
fontaxes	Additional font axes for L <sup>A</sup> T <sub>E</sub> X	Bühmann, Ummels	161
fontbl	A font sampler	Beeman, MacKay	144
fontbook	Generate a font book	Pinson	383
fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X	Medina	334
fontchart	A font sampler	Lemberg	307
fontinf	An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)	Bezós López, Ruedas	316
fontenc	Standard package for selecting font encodings	L <sup>A</sup> T <sub>E</sub> X Team	476
fontinst	Help with installing fonts for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Hellström, Jeffrey, Rahtz, Vieth	245
fontinstallatio...	Font installation guide	Lehman	305
fontload	A partial font downloading utility	Malyshev	327
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	209
fontmizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	193
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	147
fontools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	379
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	270
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	294
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	270
fontsample	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	211
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	485
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	485
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	499
fontsmpl	Print a sample of a font	Jeffrey	263
fontspec	Advanced font selection in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Robertson, L <sup>A</sup> T <sub>E</sub> X Team	400
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	401
fontwrap	Bind fonts to specific unicode blocks	Kamermans	269
footbib	Bibliographic references as footnotes	Domenjoud	189
footmisc	A range of footnote options	Fairbairns, Mittelbach	202
footmiscx	A range of footnote options	Roucariès	408
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X’s footnote handling	Wooding	528
footnotebackref	Back-references from footnotes	Lange	301
footnotehyper	hyperref aware footnote.sty	Burnol	162
footnoterange	References to ranges of footnotes	Münch	346
footnpag	Per-page numbering of footnotes	Schrod	424
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	426
foreign	Systematic treatment of ‘foreign’ words in documents	Ratcliffe	392
forest-quickstart	Quickstart Guide for Linguists package “forest”	Vanden Wyngaerd	530
forest	Drawing (linguistic) trees	Živanović	541
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	337
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	430
formal-grammar	Typeset formal grammars	Vassor	500
format	Format a counter as a fixed-point number	Karney	270
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
formlett	Letters to multiple recipients	Jiang	265
forms16be	Initialize form properties using big-endian encoding	Story	451
formula	Typesetting physical units	Tille	481
formular	Create forms containing field for manual entry	Wirth	527
fortran	Print Fortran programs	Toby	483
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
fotex	Process XSL-FO	Rahtz	390
fouridx	Left sub- and superscripts in maths mode	Karrmann	271
fourier	Using Utopia fonts in L <sup>A</sup> T <sub>E</sub> X documents	Bovani	155
FourierNC	Use New Century Schoolbook text with Fourier maths fonts	Zedler, Sharpe	538
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	212
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibT <sub>E</sub> X	Frambach	213
fp	Fixed point arithmetic	Mehlich	335
fpl	SC and OsF fonts for URW Palladio L	Stubner	454
fpT <sub>E</sub> X	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	385
fragmaster	Using psfrag with pdfLaT <sub>E</sub> X	Domingo, Vogel	189
fragments	Fragments of L <sup>A</sup> T <sub>E</sub> X code	Carlisle	166
frame	Framed boxes for Plain T <sub>E</sub> X	Van Zandt, Voß	537
framed	Framed or shaded regions that can break across pages	Arseneau	131
francais-bst	Bibliographies conforming to French typographic standards	Goulet	227
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibT <sub>E</sub> X styles	Swift	456
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	456
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	456
frcursive	French cursive hand fonts	Beffara	144
frederika2016	An OpenType Greek calligraphy font	Syropoulos	457
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	250
free-math-font-...	A survey of available free Mathematics fonts	Hartke	242
freetype	A full-featured font rasterizer library	Lemberg	307
frege	Typeset fregean Begriffsschrift	Pamp	374
french-translat...	French translation project	Bayart	140
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	218
frenchmath	Typesetting mathematics according to French rules	Missier	339
frenchponct	Implement French-style spacing at punctuation	Roy	410
frenchpro	Professional typesetting of French documents	Gaulle	218
frenchquote	Make something like guillemets	Unknown	492
frhyph	French hyphenation patterns	Flipo	209
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	274
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	215
frimurer	Access to the 'frimurer' cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	267
frletter	Typeset letters in the French style	Andronic	129
frontespizio	Create a frontispiece for Italian theses	Gregorio	231
froufrou	Fancy section separators	Lago	299
frpseudocode	French translation for the algorithmicx package	Irwin	259
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	467
ftcap	Allows \caption at the beginning of a table-environment	Steffani	448
ftetx	T <sub>E</sub> X support in FTE text editor	Zydowitz	542
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	481
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	341
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	274
fullblk	Left-blocking for letter class	Cloos Jr.	268
fullminipage	Minipage spanning a complete page	Schneider	422
fullpage	Set all page margins to 1.5cm	Daly	183

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fullpict	Full page pictures	Shawyer	434
fullwidth	Adjust margins of text block	Daniel	184
functan	Macros for functional analysis and PDE theory	Lejay	307
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	323
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	352
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	352
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	352
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	352
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	352
fundus-startrek	‘Startrek’ fonts, and macros to support them	Neugebauer	352
fundus-sueterlin	Sütterlin	Neugebauer	352
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	352
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	352
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	352
funnelweb	A flexible, language-independent web system	Coates	177
futhark	Fonts for the Older Futhark script	deyAvemta	187
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	375
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	504
fvextra	Extensions and patches for fancyvrb	Poore	384
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	294
fwlw	Get first and last words of a page	Arseneau	131
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	308
gaceta	A class to typeset La Gaceta de la RSME	Varona	500
gahyph	Hyphenation patterns for the Irish language	Scannell	415
galois	Typeset Galois connections	Cousot	181
gamebook	Typeset gamebooks and other interactive novels	Miede	337
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	305
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	217
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	342
garamond-libre	The Garamond Libre font face	Miller, Tennent	339
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	539
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	432
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	404
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	218
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	272
gates	Support for writing modular and customisable code	Isambert, Robbers	259
gatherenum	A crossover of align* and enumerate	Rivaud	398
gauss	A package for Gaussian operations	Kauers	271
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	291
gbrief-creator	A front end for the gbrieff package	Schinke	419
gbt7714	BibTeX implementation of China’s bibliography style standard GB/T 7714-2015	Lee	305
gcard	Arrange text on a sheet to fold into a greeting card	McBane	332
gchords	Typeset guitar chords	Peeters	378
gcite	Citations in a reader-friendly style	Atkinson, Phillips	134
gckanbun	Kanbun typesetting for (u)pL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Yamamoto	532
GELLMU	LaTeX-like markup for writing XML documents	Hammond	238
gen	Genealogy symbols	Knuth	285
gender	Gender neutrality for languages with grammatical gender	Banhardt	137

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gene-logic	Typeset logic formulae, etc	Neugebauer	352
genealogy	A compilation genealogy font	Roegel	404
genealogytree	Pedigree and genealogical tree diagrams	Sturm	454
genfam	Run Metafont to produce the bitmap fonts	Schrod	424
genindex	Alternative index series	Smith	440
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X's minipages	Lotze	317
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	421
gentabtex	Python helper for creating tables	Algaba	127
gentium-original	Gentium font and support files	Schmitz, Miklavec	422
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavec, Farar, Schmitz	147
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	207
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	190
gentombow	Generate Japanese-style crop marks	Yamashita	532
geometry-de	German documentation for the geometry package	Umeki	488
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	488
geomsty	Macros used in typesetting a geometry book	Levy	308
geophysics	Articles for the journal Geophysics	Gildea	221
georgian-stanier	A Georgian font	Stanier	446
georgian	Support for typesetting in Georgian	Shoshiashvili	435
geradwp	Document class for the Cahiers du GERAD series	Hamel	237
german	Support for German typography	Raichle	391
germbib	German variants of standard BibT <sub>E</sub> X styles	Harders	240
germdoc	A collection of documentation available in German	Unknown	492
germkorr	Change kerning for German quotation marks	Baumann	140
geschichtsfkrl	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	536
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	429
getfiledate	Find the date of last modification of a file	Musa	349
getitems	Gathering items from a list-like environment	Hendrickson	246
getmap	Download OpenStreetMap maps for use in documents	Kleber	279
getoptk	Define macros with sophisticated options	Le Barbier Grünewald	233
getrefs	BibT <sub>E</sub> X style to sort by "journal" entries of references	Deutscher	187
getttitlestring	Clean up title references	Oberdiek	361
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	520
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	486
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	486
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	486
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	486
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	486
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	486
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	485
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	486
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	486
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	486
GFS Solomos	A Greek-alphabet font	Tsolomitis	485
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	274

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ghostscript	Freely available PostScript interpreter	Deutsch	187
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	354
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	504
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
gincitex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	417
gindex	Formatting indexes	Bezos López	313
ginpenc	Modification of inputenc for German	Harders	240
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	345
gitfile-info	Get git metadata for a specific file	Hilbig	249
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	312
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	312
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	312
gitstatus	Include Git information in the document as watermark or via variables	Gruber	233
gitver	Get the current git hash of a project and typeset it in the document	Baynham	140
gkpmac	The macros used in "Concrete Mathematics"	Knuth	285
gl-tree	Linguistic trees with a preprocessor	Lee	304
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	234
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	395
glhyph	Hyphenation patterns for Galician	Música de Rivera	398
globalvals	Declare global variables	Baynham	140
glonti	Virtual fonts for T2A-encoded fonts	Glonti	223
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	217
gloss-occitan	Polyglossia support for Occitan	Valmary	499
gloss	Create glossaries using BibTeX	de Arriba, Bezos López	130
glossaries-accsupp	Accessibility support for glossaries	Talbot	462
glossaries-danish	Danish language module for glossaries package	Talbot	462
glossaries-dutch	Dutch language module for glossaries package	Talbot	462
glossaries-english	English language module for glossaries package	Talbot	462
glossaries-esto...	Estonian language module for glossaries package	Kankainen	269
glossaries-extra	An extension to the glossaries package	Talbot	462
glossaries-finnish	Finnish language module for glossaries package	Välimäki	499
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	464
glossaries-german	German language module for glossaries package	Talbot	462
glossaries-irish	Irish language module for glossaries package	Talbot	462
glossaries-italian	Italian language module for glossaries package	Talbot	463
glossaries-magyar	Magyar language module for glossaries package	Talbot	463
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustrveit	242
glossaries-polish	Polish language module for glossaries package	Talbot	463
glossaries-port...	Portugues language module for glossaries package	Talbot	463
glossaries-serbian	Serbian language module for glossaries package	Talbot	463
glossaries-slovene	Slovene language module for glossaries package	Bačić	135
glossaries-spanish	Spanish language module for glossaries package	Talbot	463
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	359
glossaries	Create glossaries and lists of acronyms	Talbot	462
glossary	Create a glossary	Talbot	463
glosstex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	535
glotex	A glossary processor	Aurbach, Hantelmann, Iani-gro	134
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	195
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	348
gmeometric	Change page size wherever it's safe	Murzynowski	348
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	348
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	231
gmutils	Support macros for other packages	Murzynowski	348
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	348



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gmverse	A package for typesetting (short) poems	Murzynowski	349
gnu-freefont	A Unicode font, with rather wide coverage	White	521
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	243
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	292
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	350
go	Fonts and macros for typesetting go games	Kołodziejska	291
gobble	More gobble macros for PlainT <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Scharrer	417
goblin	Tolkien's goblin alphabet	Stanier	446
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
gost	BibT <sub>E</sub> X styles to format according to GOST	Polyakov, Kotelnikov	384
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	239
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	133
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	506
gplot	CGM-based graphics support	Andrews	129
grabbox	Read an argument into a box and execute the code afterwards	Spratte	445
gradback	Gradient backgrounds for dvips output	Pedersen	378
gradientframe	Simple gradient frames around objects	Raue	393
grading-scheme	Typeset grading schemes in tabular format	Keßler	273
gradstudentresume	A generic template for graduate student resumes	Kumar	297
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	375
grafik	EPS graphics under Windows	Dübendorfer	193
grant	Classes for formatting federal grant proposals	Karr	270
graph35	Draw keys and screen items of several Casio calculators	Paternault	377
GraphBase	A platform for combinatorial algorithms	Knuth	285
graphbox	Extend graphicx to improve placement of graphics	Beisert	145
GraphConv	Convert graph files to PSTricks	Chicoine	175
grapher	Create graphs, state machine and data flow diagrams	Algaba	128
graphfig	Simpler graphic, subfigure and float	Bosisio	154
graphicp	An enhanced version of graphics	Szabó	459
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	476
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	480
graphics-pln	LaTeX-style graphics for Plain T <sub>E</sub> X users	Carlisle	166
graphics	Standard L <sup>A</sup> T <sub>E</sub> X graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
graphicscache	Cache includegraphics calls	Schwarz	427
graphicx-psmin	Reduce size of PostScript files by not repeating images	Adriaens	125
graphicx	Enhanced support for graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
graphicxbox	Insert a graphical image as a background	Story	452
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	532
GraphicxSP	An extension of the graphicx package	Story	452
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	301
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	148
GraphTeX	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	384
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	393
gray	Fonts for gray-scales	Knuth	285
grayhints	Produce 'gray hints' to a variable text field	Story	452
grchyp	Hyphenation for classical Greek, under XeT <sub>E</sub> X	Codet	177
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	338
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	458
greek-makeindex	Makeindex working with Greek	Syropoulos	457
greek4cbc	A Greek font from 394BC	Wilson	524
greek6cbc	A Greek font from the sixth century BC	Wilson	524
greekctr	Represent counters by letters of the Greek alphabet	Knappen	283
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomititis	486
greekinfo3	Overview of systems, packages, and fonts for Greek T <sub>E</sub> X	Dimakos, Filippou	188

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
greektex-fd	L <sup>A</sup> T <sub>E</sub> X font definition files for GreekTeX	Brodnik	158
greektex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyarakis	344
greektonoi	Facilitates writing/editing of multiaccented greek	Cornaros	180
greenpoint	The Green Point logo	Triska	485
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	410
grfext	Manipulate the graphics package's list of extensions	Oberdiek	361
grffile	Extended file name support for graphics (legacy package)	Oberdiek	361
grfguide	L <sup>A</sup> T <sub>E</sub> X standard graphics and color packages documentation	Carlisle	166
grfpaste	Include fragments of a dvi file	Carlisle	166
grid-system	Page organisation, modelled on CSS facilities	Bitzl	149
grid	Grid typesetting in L <sup>A</sup> T <sub>E</sub> X	River Valley Technologies	398
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	334
gridset	Grid, a.k.a. in-register, setting	Kohm	288
gridslides	Free form slides with blocks placed on a grid	Mendler	335
grkfinst	Install Greek Type 1 fonts	Kryukov	295
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	457
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	457
grundgesetze	Typeset Frege's Grundgesetze der Arithmetik	Rossberg	407
grverb	Typesetting Greek verbatim	Syropoulos	457
GS1	Typeset EAN barcodes using T <sub>E</sub> X rules, only	Kohm	288
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	410
gsftopk	Convert "Ghostscript fonts" to PK files	Vojta	508
gsview	View PostScript under MS-Windows or OS/2	Lang	301
gtex-letter	A Gnome assistant to ease the writing of L <sup>A</sup> T <sub>E</sub> X letters	Folini	211
gtl	Manipulating generalized token lists	Le Floch	210
gtrcrd	Add chords to lyrics	Bresciani	157
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	232
gu	Typeset crystallographic group-subgroup-schemes	Lange	301
guarani	Guarani support	Bezós López	313
gudea	The Gudea font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	195
guia-bibtex	Guia casi completa de BibTeX	López	316
guide-latex-fr	A french guide on L <sup>A</sup> T <sub>E</sub> X – for beginners or advanced users	Bouzigues	155
GuIT-corso	Introduzione al mondo di L <sup>A</sup> T <sub>E</sub> X	Himmelman, Vavassori,	250
		Busdraghi	
guitar	Guitar chords and song texts	Väth	500
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	355
guitartabs	A class for drawing guitar tablatures easily	Babushkin	135
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	501
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	506
gurmukhi-singh	Support for Gurmukhi in T <sub>E</sub> X	Singh	438
gurmukhi	Support for Gurmukhi	Pandey	374
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	204
GUtenberg	French T <sub>E</sub> X Users Group information	Just	268
gv-savepos	A patch to gv to save positions	Thành	472
gv	An X front end for Ghostscript	Marchesi	327
gzt	Bundle of classes for "La Gazette des Mathématiciens"	Bitouzé	149
<b>HHHHH</b>			
h2020proposal	L <sup>A</sup> T <sub>E</sub> X class and template for EU H2020 RIA proposal	Indiveri	258
ha-prosper	Patches and improvements for prosper	Adriaens	125
hackalloc	Make allocations local	Unknown	492
hackthefootline	Footline selection and configuration for L <sup>A</sup> T <sub>E</sub> X beamer's standard themes	Friedl	214
hacm	Font support for the Arka language	Miyatani	341
hagenberg-thesis	A Collection of L <sup>A</sup> T <sub>E</sub> X classes, style files, and example documents for academic manuscripts	Burger, Hochleitner	162

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
half-tone	Knuth's halftone font and its uses	Clark, Knuth	176
halloweenmath	Scary and creepy math symbols with AMS-L <sup>A</sup> T <sub>E</sub> X integration	Mezzetti	336
hamnosys	A font for sign languages	Schulder, Hanke	426
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	453
handout	Create handout for auditors of a talk	Rouquette	409
handoutWithNotes	Create Handouts with notes from your L <sup>A</sup> T <sub>E</sub> X beamer presentation	Diepen, Peischl	188
hands	Pointing hand font	Tobin, Powroz	483
hang	Environments for hanging paragraphs and list items	Nolda	357
hangcaption	Hanging layout for captions	Jones	266
hanging	Hanging paragraphs	Robertson, Wilson	401
hanoi	Tower of Hanoi in T <sub>E</sub> X	Blackmore	149
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	219
happy4th	A firework display in obfuscated T <sub>E</sub> X	Blackmore	150
har2nat	Replace the harvard package with natbib	Straathof	453
haranoaji-extra	Harano Aji Fonts	Hosoda	255
haranoaji	Harano Aji Fonts	Hosoda	255
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	400
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	519
harnon-cv	A CV document class with a vertical timeline for experience	Hart	242
harpoon	Extra harpoons, using the graphics package	Kuipers	297
harvard-obsolete	The Harvard bibliography style family	Williams	523
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	523
harveyballs	Create Harvey Balls using TikZ	Roth	408
harvmac	Macros for scientific articles	Ginsparg	221
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	260
hausarbeit-jura	Class for writing "juristische Hausarbeiten" at German Universities	Sievers	437
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	176
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	436
he-le-na	Support for Serbian typesetting	Filipović	206
he-she	Alternating pronouns to aid gender-neutral writing	Munn	347
headerfooter	Define the layouts of page headers and footers	Gildea	221
hebtex	Support for Hebrew and other right-to-left languages	Porrat	385
hecthesse	A class for dissertations and theses at HEC Montréal	Hamel	237
hellas	Typeset bibliographies which include Greek	Syropoulos	457
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	353
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	422
hep-acronym	An acronym extension for glossaries	Hajer	236
hep-bibliography	An acronym extension for glossaries	Hajer	236
hep-float	Convenience package for float placement	Hajer	236
hep-font	Latin modern extended by computer modern	Hajer	237
hep-gen	Generic macros for quantum physics	Unknown	492
hep-math-font	Extended Greek and sans-serif math	Hajer	237
hep-math	Extended math macros	Hajer	237
hep-paper	Publications in High Energy Physics	Hajer	237
hep-reference	Adjustments for publications in High Energy Physics	Hajer	237
hep-text	List and text extensions	Hajer	237
hep-title	Extensions for the title page	Hajer	237
hep	A "convenience wrapper" for High Energy Physics packages	Buckley	160
hepnames	Pre-defined high energy particle names	Buckley	160
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	160
hepthesis	A class for academic reports, especially PhD theses	Buckley	160
Hepunits	A set of units useful in high energy physics applications	Buckley	160
here	Emulation of obsolete package for "here" floats	Berry	147
hereapplies	A L <sup>A</sup> T <sub>E</sub> X package for referencing groups of pages that share something in common	Unknown	492

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	510
hershey-mp	MetaPost support for the Hershey font file format	Renkema	396
hershey	Experiments with the Hershey fonts	Yap	533
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	432
hex	Print a counter in hexadecimal	Domenjoud	189
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	410
hexdump	Read and typeset ASCII hexdump files	Hillebrand	249
hexgame	Provide an environment to draw a hexgame-board	Brouwer	159
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	206
hfbright	The hfbright fonts	Harders	240
hfoldsty	Old style numerals with EC fonts	Harders	240
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	536
hge	An “Old English” font	Unknown	492
hhline	Better horizontal lines in tabulars and arrays	Carlisle	166
hhtensor	Print vectors, matrices, and tensors	Harders	240
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	298
hieroglf	The “poor man’s” Egyptian Hieroglyphic font	Wilson	524
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	407
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	438
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	296
hilowres	Support high and low resolution versions of same picture	Gerell	219
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	297
hindmadurai	The HindMadurai font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
histogr	Draw histograms with the L <sup>A</sup> T <sub>E</sub> X picture environment	Schöpf	423
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal ‘Historische Zeitschrift’	Waßenhoven	518
histyle	A “HighStyle” environment for T <sub>E</sub> X	Unknown	492
hitec	Class for documentation	Billauer	149
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	412
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	533
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	455
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	533
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	533
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	485
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	489
hlatex	Support for the Korean language	Un	489
hletter	Flexible letter typesetting with flexible page headings	Housley	256
hlist	Horizontal and columned lists	Tellechea	467
hmtrump	Describe card games	Hitomi	250
hobby	An implementation of Hobby’s algorithm for PGF/TikZ	Stacey	445
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	226
hobsub	Construct package bundles	Oberdiek	361
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	536
hologo	A collection of logos with bookmark support	Oberdiek	361
holtpolt	Typeset Maxwell’s non-commutative division	Knappen	283
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	361
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developers	Rouquette	409
hopatch	Load patches for packages	Oberdiek	361
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	439
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	516
hp2xx	HP GL converter	Unknown	492
hpgl2ps	Translate HPGL to PostScript	McCormick	332
hpsdiss	A dissertation class	Schmid	419
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	161
hrefhide	Suppress hyper links when printing	Münch	346
hrhyph	Croatian hyphenation	Marinović	328

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	327
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	268
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	473
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	517
hu-berlin-bundle	L <sup>A</sup> T <sub>E</sub> X classes for the Humboldt-Universität zu Berlin	Bossert	154
huawei	Template for Huawei documents	Bugayenko	161
huaz	Automatic Hungarian definite articles	Tómacs	484
huhyph	Hyphenation patterns for the Hungarian language	Mayer	332
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	484
humanbio	Bibliography style for "Human Biology"	Rogers	405
humanist	Humanist manuscript book-hand font	Wilson	524
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	405
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	524
hungarian	New Hungarian hyphenation patterns	Nagy	350
husthesis	Unofficial thesis template for Huazhong University	Cheng	173
hvarabic	Macros for RTL typesetting	Voß	510
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	350
hvextern	Write and execute external code, and insert the output	Voß	510
hvfloat	Controlling captions, fullpage and doublepage floats	Voß	510
hvindex	Support for indexing	Voß	510
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	510
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	337
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	421
hvpymntex	Syntax-Highlighting of program code	Voß	510
hvqrurl	Insert a QR code in the margin	Voß	510
hwkatakana	Half-width katakana fonts	Hassenpflug	242
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	210
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	158
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	362
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	362
hycap	Adjusting the anchors of captions	Oberdiek	362
hyptestopt	Hyperref destination optimizer	Oberdiek	362
hydoc	Hyper extensions for doc.sty	Oberdiek	362
hydvips	Hyperref extensions for use with dvips	Niedrist	355
hyper	Hypertext cross referencing	Mehlich	335
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	294
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	173
hypernat	Allow hyperref and natbib to work together	Berger	147
hyperref	Extensive support for hypertext in L <sup>A</sup> T <sub>E</sub> X	Oberdiek, Rahtz, Oberdiek Package Support Group, L <sup>A</sup> T <sub>E</sub> X Team	366
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	372
hypgotoe	Links to embedded files	Oberdiek	362
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	337
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	466
hyphen-spanish	Standard hyphenation rules for Spanish	Bezos López, Carmona	316
hyphenat	Disable/enable hyphenation	Robertson, Wilson	401
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	207
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	308
hyphsubst	Substitute hyphenation patterns	Oberdiek	362
hyph-t1	Additional hyphenation patterns	Raichle	391



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	231
<b>IIII</b>			
i-ching	An i-ching package	Bzyl	164
iagproc	Class for two column IAG Proceedings articles	Vermeer	502
iahypen	Hyphenation patterns for Interlingua	Kleiweg	282
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	469
ibm	Metrics for IBM fonts	Rahtz	390
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	305
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	248
ibygrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	421
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	383
icelandic	Icelandic Fonts	Pind	382
iching	A font for I Ching divinations	Stanier	446
icite	Indices locorum citatorum	Alessi	127
icomma	Intelligent commas for decimal numbers	Schmidt	420
icon-appr	Creates icon appearances for form buttons	Story	452
icons	TeX icons	Carriba, Sendoukas	169
icsv	Class for typesetting articles for the ICSV conference	Robertson	399
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	218
identkey	Typesetting bracketed dichotomous identification keys	White	521
idverb	Inline verbatim identifiers	Schrod	424
idxcmds	Semantic commands for adding formatted index entries	Niederberger	355
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titze	482
idxtex	An index processor	Aurbach, Hantelmann, Iani- gro	134
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	137
IEEEconf	Macros for IEEE conference proceedings	Pakin	372
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	296
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	434
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	434
IEEEjtran	Unofficial bibliography style file for the Institute of Electrical Engi- neers of Japan	Ejiri	198
ietfbibs	Generate BibTeX entries for various IETF index files	Mortier	344
iexec	Execute shell commands and input their output	Bugayenko	161
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	379
ifallfalse	Compare a string against a set of other strings	Chen	172
ifdraft	Detect “draft” and “final” class options	Oberdiek	362
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	480
iffont	Conditionally load fonts with fontspec	Weiss	520
iflang	Expandable checks for the current language	Oberdiek	362
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	479
ifmslide	Presentation slides for screen and printouts	Emmel	199
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	401
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	319
ifoddpag	Determine if the current page is odd or even	Scharrer	417
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	479
ifplatform	Conditionals to test which platform is being used	Robertson, Große	400
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	534
ifsym	A collection of symbols	Klöckl	282
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	479
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	301
ifthenx	Extra tests for \ifthenelse	Jones	266
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	479

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	479
ifxptex	Detect pTeX and its derivatives	Zhang	539
igo	Fonts and macro to typeset Go diagrams	Dupuis	194
iitem	Multiple level of lists in one list-like environment	Vitecek	507
ijc	International Journal of Control style	Balemi	136
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	377
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	504
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	329
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	154
imac	International Modal Analysis Conference format	Slater	439
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	356
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	142
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	283
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
imfellflowers	IM Fell Flower OpenType fonts	Tennent	469
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	125
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	383
import	Establish input relative to a directory	Arseneau	131
impose	PostScript imposition and support utilities	Grobgeld	233
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	504
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	274
IMTEKda	IMTEK thesis class	Dreher	191
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	454
includeRnw	Include .Rnw inside .tex	Storvik Strauman	453
includex	Extended \include	Swift	456
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	308
indent	Environments that change margins	Unknown	492
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	266
indextools	Producing multiple indices	Rouquette	409
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	383
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	440
indxcite	Generate author index based on citations	Ashton	134
infpic	Macros to insert pictures in paragraphs	Ulrych	488
infwarrerr	Complete set of information/warning/error message macros	Oberdiek	362
inhyph	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	284
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	448
inkpaper	A mathematical paper template	Liang	309
inline-images	Inline images in base64 encoding	Wäckerlin	515
inlinebib	Citations in footnotes	Seindal	429
inlinedef	Inline expansions within definitions	Hicks	249
inlinelabel	Assign equation numbers to inline equations	Kusakabe	298
innerscript	Modifies automatic mathematics spacing	Kosowsky	292
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	264
inputenx	Enhanced input encoding handling	Oberdiek	362
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	487
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	295
inputtrc	Trace which file loads which	Lück	319
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	328
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	205

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
insbox	Insert pictures/boxes into paragraphs	Gulczynski	234
inscrutable	A response to Perl hackers' silliness	Greene	230
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	452
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	524
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	524
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	517
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	279
intcalc	Expandable arithmetic operations with integers	Oberdiek	362
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	196
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	224
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	151
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	296
interchar	Managing character class schemes in XeTeX	Hu	256
interfaces	Set parameters for other packages, conveniently	Chervet	174
interpol	Add interpolation to MetaPost graph package	Vieth	506
interpreter	Translate input files on the fly	Isambert, Robbers	259
interval	Format mathematical intervals, ensuring proper spacing	Madsen	325
intex	Support typesetting and indexing words and phrases	Ranange	392
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	295
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	146
inversepath	Calculate inverse file paths	Robertson	399
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	492
invoice-class	Produces a standard US invoice from a CSV file	Munn	347
invoice	Generate invoices	Corff	179
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	188
iodhbw	Unofficial template of the DHBW Mannheim	Faltin	203
ionumbers	Restyle numbers in maths mode	Schneider	423
iopart-num	Numeric citation style for IOP journals	Caprio	165
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	404
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	534
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	259
is-bst	Extended versions of standard BibTeX styles	Beebe	143
iscram	A L <sup>A</sup> T <sub>E</sub> X class to publish article to ISCRAM conferences	Gaborit	216
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	231
ishyph	Hyphenation patterns for Icelandic	Pind	383
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	472
isi2bibtex	Converter for ISI to BibTeX	Lee	304
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	352
iso	Generic ISO standards typesetting macros	Wilson	525
iso10303	Typesetting the STEP standards	Wilson	525
iso209	A document style for ISO standards	North	358
isodate	Tune the output format of dates according to language	Harders	240
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	185
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	492
isomath	Mathematics style for science and technology	Milde	338
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	501
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	510
isorot	Rotation of document elements	Wilson	525
isotope	A package for typesetting isotopes	Bauke	140
ispell	Multi-platform spell checker	Atkinson	134
issuulinks	Produce external links instead of internal ones	Veytsman	504
ist21	Title page for the old BSI IST/21 committee	Unknown	492

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
istgame	Draw Game Trees with TikZ	Cho	175
ital	Automatic italic correction	Bernstein	147
italic	Automatic italic correction for italic and slanted text	Goatley	223
iTe	Interactive T <sub>E</sub> X editor	Kühn	297
ithyph	Hyphenation patterns for the Italian language	Beccari	141
itnumpar	Spell numbers in words (Italian)	Gregorio	231
itrans-processor	Transliteration of Indian Languages	Chopde	175
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	186
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	197
iwona	A two-element sans-serif font	Nowacki	359
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	344
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	285
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	474
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	416
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	390
jamtimes	Expanded Times Roman fonts	Veytsman	504
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	493
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	465
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	386
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	343
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	216
jasthesis	A 'standard' thesis class	Shepherd	434
JavaBib	A BibTeX file manager written in Java	Unknown	493
javadoc	Documenting source code	Kiesel	276
javaDVI	DVI viewer and printer coded in Java	Hurt	257
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	533
jvatex	A Java implementation of T <sub>E</sub> X	Murphy	348
jbact	BibTeX style for biology journals	Schneider	423
JBibtexManager	Managing citations in BibTeX format	Batada	139
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	249
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	449
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	327
JeuxCartes	Macros to insert playing cards	Pierquet	381
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	336
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	534
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	386
jhep	Class for JHEP	Nesti	351
jIEEETran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	198
jigsaw	Draw jigsaw pieces with TikZ	Unknown	493
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	452
jkmath	Macros for mathematics that make the code more readable	Kaerts	268
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	283
jkthesis	Document class for formatting a thesis	Küpper	297
jlabels	Make letter-sized pages of labels	Tartir	465
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	442
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	343
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	125
jmakepdfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	463
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	423

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jmlr	Class files for the Journal of Machine Learning Research	Talbot	463
jmsdelim	A package for compositional delimiter sizing	Sterling	449
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	247
jnuexam	Exam class for Jinan University	Lyu	323
jobname-suffix	Compile differently based on the filename	Siefken	436
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	469
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	474
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	356
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	336
jphysiol	BibTeX style for the Journal of Physiology	Hennig	247
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	397
jpneduenumerate	Enumerative expressions in Japanese education	Kusakabe	298
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	298
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	298
jqt1999	Journal of Quality Technology BibTeX format	Forrest	212
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	425
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	367
jslectureplanner	Creation and management of university course material	Spitzmüller	444
jspell	An ASCII file spelling checker	Jeong	265
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	405
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	399
jumplines	Articles with teasers and continuation later on	Hupfer	257
junicode	A TrueType font for mediaevalists	Baker	135
jupynotex	Include whole or partial Jupyter notebooks in L <sup>A</sup> T <sub>E</sub> X documents	Batista	139
jura	A document class for German legal texts	Braun	157
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	518
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	147
juramisc	Typesetting German juridical documents	Sodtalbers	441
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	518
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	292
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	514
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	440
kalender-209	Produce page-per-day calendars	Schrell	424
kalender	Create a calendar, in German	Söhner	441
kanaparser	Kana parser for LuaTeX	Zahumensky	536
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	173
kantlipsum	Generate sentences in Kant's style	Gregorio	231
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	262
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	522
karnaughmap	Typeset Karnaugh maps	Michael	336
karta	Cartographic signs	Unknown	493
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	310
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	442
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	153
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	308
kdgreek	Greek fonts and macros	Dryllerakis	193
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	161
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	272
kerkis	Kerkis (Greek) font family	Tsolomititis	486
kerntest	Print tables and generate control files to adjust kernings	Harders	240
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	459
keycommand	Simple creation of commands with key-value arguments	Chervet	174



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
keyfloat	Provides a key/value interface for generating floats	Dunn	194
keyindex	Index entries by key lookup	Zach	536
keyparse	Key based parser	Rogard	404
keyreader	A robust interface to xkeyval	Musa	349
keystroke	Graphical representation of keys on keyboard	Niepraschk	356
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
keyval2e	A lightweight and robust key-value parser	Musa	349
keyvaltable	Re-usable table layouts separating content and presentation	Grewe	232
kfupm-math-exam	A L <sup>A</sup> T <sub>E</sub> X document style to produce homework, quiz and exam papers	Alshahrani	128
kile	A user friendly T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X editor for KDE	Wijnhout, Brachet	522
kinematikz	Design kinematic chains and mechanisms	Santos	414
kix	Typeset KIX codes	Stoks	449
KIXfont	A font for KIX codes	van Rein	395
klinz	A Klingon font	Wünsch	530
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	283
knit	Tangle and weave with multiple change files	Appelt	129
knitting	Produce knitting charts, in Plain T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Barton	138
knittingpattern	Create knitting patterns	Griffiths	232
knot	A Celtic knotwork font	Jaquina	263
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	178
knst	Multiple-guess tests	Saludes	414
knuth-base	The current state of Knuth's contributions	Knuth	285
knuth-dist	The current state of Knuth's contributions	Knuth	285
knuth-errata	Knuth's published errata	Knuth	285
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	419
knuth-letter	Knuth's example letter macros	Knuth	286
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	286
knuth-local	Knuth's local information	Knuth	286
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	419
koi8	KOI-8 input support	Blumenthal	151
koma-moderncvcl...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	441
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	288
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	289
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	289
koma-script-exa...	Examples from the KOMA-Script book	Kohm	288
koma-script-obs...	Deprecated packages from koma-script	Kohm	289
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	499
koma-script	A bundle of versatile classes and packages	Kohm	288
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	232
komacv	Typesetting a beautiful CV with various style options	Södergran	441
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	518
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	304
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	304
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	304
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	304
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	475
kpfonts-otf	OpenType version of the kpfonts (Type1) designed by Christophe Caignaert	Flipo	209
kpfonts	A complete set of fonts for text and mathematics	Caignaert	164
ksfh-nat	BibTeX style for KSFH Munich	Bilger	149
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	244
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	208

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ktv-texdata	Extract subsets of documents	Huynh	258
ku-template	Copenhagen University or faculty logo for front page	Pedersen	378
kurdishlipsum	A ‘lipsum’ package for the Kurdish language	Jund	268
kurier	A two-element sans-serif typeface	Nowacki	359
kuvio	Drawing macros and fonts for diagrams	Svensson	455
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	362
kvmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	213
kvoptions	Key value format for package options	Oberdiek	362
kvsetkeys	Key value parser with default handler support	Oberdiek	362
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	238
l2picfaq	L <sup>A</sup> T <sub>E</sub> X pictures “how-to” (German)	Bischoff	149
l2tabu-english	English translation of “Obsolete packages and commands”	Trettin, Fenn	485
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	127
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	538
l2tabu-spanish	Spanish translation of “Obsolete packages and commands”	Trettin, Medina Arellano	485
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	199
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	426
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	476
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	476
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	476
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	476
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	476
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	477
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	477
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	477
la	School handwriting fonts	Heuer	249
laansort	Sorting within T <sub>E</sub> X	van der Laan	299
labbook	Typeset laboratory journals	Küster	298
label-pln	Print address labels in three columns	Unknown	493
labelcas	Check the existence of labels, and fork accordingly	Diez	188
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	436
labelmac3	Print Avery 5160 labels for laser printers	Rao	392
labelmag	Manage a collection of labels	Willadt	523
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	221
labels4easylist	Add reference labels to easylist items	Paciorek	371
labelschanged	Identify labels which cause endless “may have changed” warnings	Dunn	194
lablst-pkg	List names of labels in a document	Karney	270
labtex	Label diagrams produced in Metafont	Hoenig	251
labyrinth	Draw labyrinths and solution paths	Zigliotto	540
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen,	481
		T <sub>E</sub> XLive	
ladder	Draw simple ladder diagrams using TikZ	Cadiou	164
lahyph	Hyphenation patterns for the Latin language	Beccari	141
laletter	Los Alamos letter style	Sydoriak	456
lambda-lists	Lists in T <sub>E</sub> X’s mouth	Jeffrey	264
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	404
lamemo	Memo style as used at Los Alamos	Sydoriak	457
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	342
lamstex-index	Index processor for LamsTeX	Spivak	444
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	444
landscape	Set up for typesetting in landscape	Hosek	254
langcode	Simple language-dependent settings based on language codes	Lück	319
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un-	329
		known	

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
langsci-affilia...	Collect and order authors and affiliations	Kopecky	291
langsci-avm	Attribute-value matrices and feature structures for use in linguistics	Kopecky	291
langsci	Typeset books for publication with Language Science Press	Nordhoff	358
lapdf	PDF drawing directly in $\TeX$ documents	Reimers	395
laps	Zero-width boxes for annotations, etc	Unknown	493
lastbib	Record the number of citations in a document	Tuleuov	487
lastpackage	Indicates the last loaded package	Pospiech	385
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	347
LaTable	A near-WYSIWYG editor for $\LaTeX$ tables	Denisov	186
lated	Graphical $\LaTeX$ picture editor	Ressler	396
latex-amsmath-dev	Development pre-release of the $\LaTeX$ amsmath bundle	$\LaTeX$ Team	477
latex-amsmath	AMS mathematical facilities for $\LaTeX$	$\LaTeX$ Team	477
latex-base-dev	Development pre-release of the $\LaTeX$ kernel	$\LaTeX$ Team	477
latex-base	Base sources of $\LaTeX$	$\LaTeX$ Team, Mittelbach	479
latex-bib-ex	Examples for the book Bibliografien mit $\LaTeX$	Voß	510
latex-bib2-ex	Examples for the book Bibliografien mit $\LaTeX$	Voß	510
latex-bnf	$\LaTeX$ macros for typing BNF specifications	Osborne	370
LaTeX-brochure	A publicity flyer for $\LaTeX$	Flynn	211
latex-course	A $\LaTeX$ course as a projected presentation	Buxbaum	164
cyrillic	Support for Cyrillic fonts in $\LaTeX$	$\LaTeX$ Team	476
latex-doc-ptr	A direction-finder for $\LaTeX$ resources available online	Hefferon, Pégourié-Gonnard, Berry	243
latex-doc	Documentation supplied as part of the $\LaTeX$ distribution	$\LaTeX$ Team	477
latex-errata	Errata for the $\LaTeX$ Manual	Lamport	300
latex-essential	Essential information for writing $\LaTeX$ documents	Warbrick, Rivera	518
latex-firstaid-dev	Development pre-release of the $\LaTeX$ firstaid package	$\LaTeX$ Team	477
latex-firstaid	First aid for external $\LaTeX$ files and packages that need updating	$\LaTeX$ Team	477
latex-fonts	A collection of fonts used in $\LaTeX$ distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	287
latex-for-under...	A tutorial aimed at introducing undergraduate students to $\LaTeX$	Lounsbury	317
latex-git-log	Typeset git log information	Schneider	423
latex-graphics-dev	Development pre-release of the $\LaTeX$ graphics bundle	$\LaTeX$ Team	477
latex-graphics	The $\LaTeX$ standard graphics bundle	$\LaTeX$ Team	477
latex-hlp	A VMS help file for $\LaTeX$ 2.09	Greenwade	231
latex-info	Unofficial reference manual for $\LaTeX$	Steffens, Greenwade	448
latex-lab-dev	$\LaTeX$ laboratory: Development pre-release	$\LaTeX$ Team	477
latex-lab	$\LaTeX$ laboratory	$\LaTeX$ Team	477
latex-make	Easy compiling of complex (and simple) $\LaTeX$ documents	Danjean	184
latex-mr	A practical guide to $\LaTeX$ and Polyglossia for Marathi and other Indian languages	Holkar	254
latex-notes-zh-cn	Chinese Introduction to $\TeX$ and $\LaTeX$	Huang	256
latex-papersize	Calculate $\LaTeX$ settings for any font and paper size	Brown	159
latex-pro-pragm...	$\LaTeX$ for pragmatists	Satrapa	415
LaTeX-Referenz	Examples from the book "LaTeX Referenz"	Voß	510
latex-refsheet	$\LaTeX$ Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	300
latex-sciences-...	(Xe) $\LaTeX$ Appliqué aux sciences humaines	Rouquette	409
latex-tabellen	$\LaTeX$ Tabellen	Voß	510
LaTeX-tds	A structured copy of the $\LaTeX$ distribution	Oberdiek	362
latex-tools-dev	Development pre-release of the $\LaTeX$ tools bundle	$\LaTeX$ Team	478
latex-tools	The $\LaTeX$ standard tools bundle	$\LaTeX$ Team	478
latex-uni8	Universal inputenc, fontenc, and babel for pdf $\LaTeX$ and Lua $\LaTeX$	Szabó	459
LaTeX-veryshort...	The Very Short Guide to $\LaTeX$	Flynn	211
latex-via-exemplos	A $\LaTeX$ course written in brazilian portuguese language	Massago	329
latex	A $\TeX$ macro package that defines $\LaTeX$	$\LaTeX$ Team, Lamport	479
latex209	Old, unsupported, $\LaTeX$	Lamport	300

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex2e-help-te...	A French translation of “latex2e-help-texinfo”	Belaïche	145
latex2e-help-te...	Unofficial reference manual covering L <sup>A</sup> T <sub>E</sub> X2e	Berry, Martinsen, Greenwade, Gilmore, Hefferon	147
latex2e-reference	A reference for L <sup>A</sup> T <sub>E</sub> X in HTML	Dietze	188
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	191
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	508
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	375
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dorner, Granzer	248
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	225
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	225
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	225
latex4wp	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	225
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	311
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	242
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	478
latexcad	A CAD drawing package	Leis	306
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	428
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	399
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	228
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	171
latexcolors	Use color definitions from latexcolor.com	Plüss	384
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	325
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	294
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	200
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	385
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilmann	482
latexdraw	CAD oriented drawing program	Siebert	437
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	319
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	240
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	447
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	257
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	176
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	333
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	179
LaTeXMng	An integrated development environment for Windows	Vabishchevich	498
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	343
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	178
latexpand	Expand \input and \include in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	345
LaTeXPiX	L <sup>A</sup> T <sub>E</sub> X picture editor for Windows	van Beurden	148
latexrelease	L <sup>A</sup> T <sub>E</sub> X release emulation	L <sup>A</sup> T <sub>E</sub> X Team	478
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	332
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	317
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	523
latin	Latin language definition for Babel	Beccari	142
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	283
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	283
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	283
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano’s Interlingua	Leve	308
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	343
Layaureo	A package to improve the A4 page layout	Busdraghi	164
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	334
layouts	Display various elements of a document’s layout	Robertson, Wilson	402
lazylist	Lists in T <sub>E</sub> X’s “mouth”	Jeffrey	264

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lb2-examples	Examples from “Der L <sup>A</sup> T <sub>E</sub> X Begleiter”	Mittelbach	340
lccaps	Lowercased (spaced) small capitals	Giannotti	220
lcd	Alphanumeric LCD-style displays	Kaufmann	271
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	288
lcg	Generate random integers	Janka	262
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	266
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	309
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	486
leading	Define leading with a length	Robertson	399
leadsheets	Typesetting leadsheets and songbooks	Niederberger	355
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	422
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	372
lebhart	Write your articles in a colorful way	XU	531
lecturer	On-screen presentations for (almost) all formats	Isambert	259
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	165
lectureslides	Combine single PDF files into one file	Zhang	539
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorzynski	187
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rou- quette, bidi-tex GitHub Organisation	526
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rou- quette, bidi-tex GitHub Organisation	526
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rou- quette, bidi-tex GitHub Organisation	526
leftidx	Left and right subscripts and superscripts in math mode	Harders	240
leftindex	Left indices with better spacing	Ørsted	370
LElletter	A letter class for Leiden University	Kreutzer	294
leipzig	Typeset and index linguistic gloss abbreviations	Weber	519
lengthconvert	Express lengths in arbitrary units	Daniel	184
letgut	Class for the newsletter “La Lettre GUTenberg” of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	134
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	363
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	493
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	301
letter1	Letter formatting macros	Unknown	493
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Har- combe	498
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	440
letterspacing	Letter spacing	Taylor	466
letterswitharrows	Draw arrows over math letters	Teegen	467
lettre	Letters and faxes in French	Mégevand, Belaïche	335
lettrine	Typeset dropped capitals	Flipo	210
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Won- neberger	308
levy-latex	Macros for using Silvio Levy’s Greek fonts	Dafferner	182
lewis	Draw Lewis structures	Horvath	254
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	419
lexikon	Macros for a two language dictionary	Kielhorn	276
lexitex	Footnote-style citations for law journals	Bennett	146
lexref	Convenient and uniform references to legal provisions	Vion	507
lertext	Typesetting legal documents using plain T <sub>E</sub> X	Horne	254



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lfb	A Greek font with normal and bold variants	Field	206
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> T <sub>E</sub> X 2.09 fonts	Fuchs	215
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	390
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	341
lgraph	A program to generate graphs	Podar	384
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy's Greek fonts	Murphy	348
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	381
lgrx	Obsolete package for Greek in text	Milde	338
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	275
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	540
lhelp	Miscellaneous helper packages	Kuhlmann	296
libertine-legacy	Linux Libertine fonts for (La)TeX and pdf(La)TeX users	Tennent, Niedermair	472
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	470
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	469
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	432
libertineotf	Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX	Gundlach, Niedermair	234
libertinus-fonts	The Libertinus font family	Hosny, MacIennan	255
libertinus-otf	Support for Libertinus OpenType	Voß	511
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaTeX	Tennent	470
libertinus	Wrapper to use the correct libertine package according to the used T <sub>E</sub> X engine	Voß	510
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	432
libgreek	Use Libertine or Biolinum Greek glyphs in mathematics	Burnol	162
librarian	Tools to create bibliographies in T <sub>E</sub> X	Isambert	259
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	470
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	241
lie-hasse	Draw Hasse diagrams	McKay	333
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	380
liftarm	Draw liftarms	Floré	210
LigaTeX	Remove unnecessary ligatures	Killesreiter	277
Light LaTeX Make	l <sup>mk</sup> : A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	133
ligtype	Comprehensive ligature suppression functionalities	Kelkel	272
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	311
limap	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	352
limecv	A (Xe/Lua)L <sup>A</sup> T <sub>E</sub> X document class for curriculum vitæ	Pieters	381
linearA	Linear A script fonts	Syropoulos	457
linearb	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	525
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	252
linegoal	A “dimen” that returns the space left on the line	Chervet	174
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	155
linenoamsmath	Use the lineno package together with amsmath	Wette	521
ling-macros	Macros for typesetting formal linguistics	McKenzie	333
lingtrees	Linguistics trees preprocessor and macros	Andrews	129
linguex	Format linguists' examples	Sternefeld	449
linguisticspro	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	521
linsys	Typeset systems of linear equations	Kehowski	272
lintex	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	317

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lion-msc	L <sup>A</sup> T <sub>E</sub> X class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)	de Dood	190
lips	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	456
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	238
lisp-on-tex	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	435
list	List ASCII text files	Knuth	286
listbib	Lists contents of BibTeX files	Kuhlmann	296
listing-pln	Almost-verbatim list programs	Toby	483
listing	Produce formatted program listings	Kuhlmann, Hebley	296
listings-ext	Automated input of source	Hoffman	251
listings	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	251
listingsutf8	Allow UTF-8 in listings input	Oberdiek	363
listbls	Creates a list of all labels used throughout a document	Melzer	335
listliketab	Typeset lists as tables	Pakin	372
listofanswers	Provide a list of answers to mathematical problems	Ipanaque	259
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	468
listofsymbols	Create and manipulate lists of symbols	Spreng	445
literate	A literate programming system, not tied to any language	Schrod	425
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	375
lithuanian-babel	Babel support for documents written in Lithuanian	Tolušis	483
lithuanian	Lithuanian language support	Tolušis	483
liturg	Support for typesetting Catholic liturgical texts	Goodman	225
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	517
lkort	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	369
LKproof	LK Proof figure macros	Tatsuta	465
llist	List ASCII text files in landscape	Knuth	286
llncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	397
llncs209	Macros for Springer books	Unknown	493
llncsconf	L <sup>A</sup> T <sub>E</sub> X package extending Springer's llncs class	Brucker	159
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	261
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	260
lmacs	A simple package for including support files	Story	452
lmake	Process lists to do repetitive actions	Pan	374
lms	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	218
ln03dvi	DVI to LN03 driver	Thomas	480
lni	Official class for the "Lecture Notes in Informatics"	Sievers	437
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	470
locality	Various macros for keeping things local	Gross	233
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	391
logbox	e-TeX showbox facilities for exploration purposes	Chervet	174
logfilter	Choose what you want to see of a (La)TeX log	Graversen	229
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	502
logic	A font for electronic logic design	Simpson	438
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	329
logicproof	Box proofs for propositional and predicate logic	Davidson	185
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	279
logix	Supplement to the Unicode math symbols	Finney	208
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	271
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	305
logsys	Draw logarithmic coordinate systems	Hansen	238
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	197

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
longdiv	Long division arithmetic problems	Arseneau	131
longdivision	Typesets long division	Chatham	172
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	306
longfigure	Provides a figure-like environment that break over pages	Arnold	130
longnamefilelist	Tidy \listfiles with long file names	Lück	319
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	168
longtocline	Macros to produce a table of contents	Unknown	493
lookbibtex	Tools for examining BibTeX files	Heidemann	243
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	349
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	190
lout	An alternative typesetting system	Kingston	278
loval	Round-cornered framed boxes	Schalück	416
lpform	Typesetting linear programming formulations and sets of equations	Waltman	517
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	331
lplfitch	Fitch-style natural deduction proofs	Zach	536
lps	Class for "Logic and Philosophy of Science"	Cevolani	171
lpw	A literate programming environment for Macs	Lindenberg	310
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	225
lsabon	Support files for the Linotype Sabon fonts	Veytsman	504
lsc	Typesetting Live Sequence Charts	Westphal	521
lscope	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
lshort-bulgarian	Bulgarian translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Karakoleva	270
lshort-czech	Czech translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Madr, Stríž, Oetiker	324
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Beceuwe, Windels, Oetiker	143
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	366
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	374
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	245
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	178
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: Kurzbeschreibung	Schmidt, Gundlach, Daniel	420
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	234
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	329
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	277
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	139
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	190
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	369
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przechlewski, Serwin	224
lshort-portugue...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	384
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	438
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	483
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	163
lshort-slovenian	Slovenian translation of lshort	Plestenjak	383
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Arttime, Rivera, Vela	133
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	507
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	270
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	384
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	353
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	531
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	366

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	417
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	130
lstfiracode	Use Fira Code font for listings	Zhang	539
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	245
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	358
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	190
ltablex	Table package extensions	Goel	223
ltabptch	Bug fix for longtable	Lück	319
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	138
ltcaption	Fix some caption problems in longtables	Sommerfeldt	442
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	341
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	388
lth	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	282
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	268
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	190
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	525
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	341
ltx4yt	Play YouTube videos in the default browser	Story	452
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	363
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	143
ltxdoc	Class for documented L <sup>A</sup> T <sub>E</sub> X macro files	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
ltxdockit	Documentation support	Lehman	305
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	185
ltxgrid	Control of the page grid	Ogawa	367
ltxguidex	An extended ltxguide class	Turner	487
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	321
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	398
ltxinput	Find files input by a document	Green	230
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	349
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	493
ltxnew	A simple means of creating commands	Chervet	174
ltxtable	Longtable and tabularx merge	Carlisle	166
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	349
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	367
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	174
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	234
lua-physical	Functions and objects for the computation of physical quantities	Jenni	264
lua-typo	Highlighting typographical flaws with LuaLaT <sub>E</sub> X	Flipo	210
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	252
LuaUL	Underlining for LuaLaT <sub>E</sub> X	Krüger	295
lua-uni-algos	Unicode algorithms for LuaT <sub>E</sub> X	Krüger	295
lua-visual-debug	Visual debugging with LuaLaT <sub>E</sub> X	Gundlach	234
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	173
lua2dox	Auto-documentation of lua code	Dales	183
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	292
luabibentry	Repeat BibT <sub>E</sub> X entries in a LuaL <sup>A</sup> T <sub>E</sub> X document body	Kopp	291
luabidi	Bidi functions for LuaT <sub>E</sub> X	Khalighi, Rosendahl, bidi-tex GitHub Organisation	275
luacensor	Securely redact sensitive information using Lua	Granet	228
luacode	Helper for executing lua code from within T <sub>E</sub> X	Pégourié-Gonnard	378
luacolor	Color support based on LuaT <sub>E</sub> X's node attributes	Oberdiek	363
luafindfont	Search fonts in the LuaT <sub>E</sub> X font database	Voß	511
luahyphenrules	Loading patterns in LuaL <sup>A</sup> T <sub>E</sub> X with language.dat	Bezoz López	313
luaimageembed	Embed images as base64-encoded strings	Sachs	413

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luaindex	Create index using LuaLaTeX	Kohm	289
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	410
luaintro	Examples from the book “Einführung in LuaTeX und LuaLaTeX”	Voß	511
luakeys	A Lua module for parsing key-value options	Friedrich	215
lualatex-doc-de	Guide to Lua <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	379
lualatex-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	378
lualatex-math	Fixes for mathematics-related Lua <sup>A</sup> T <sub>E</sub> X issues	Stephani	448
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	448
lualatex-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	214
lualibs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team	410
luamathalign	More flexible alignment in amsmath environments	Krüger	295
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	176
luamplib	Use LuaTeX’s built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	236
luaoptions	Option handling for Lua <sup>A</sup> T <sub>E</sub> X packages	Peron	380
luaotfload	OpenType ‘loader’ for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Roux, Hosny, Pégourié-Gonnard, Robertson, Gesang, L <sup>A</sup> T <sub>E</sub> X Team, Fischer, Krüger	410
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	266
luaprohtable	Programmable table interface for LuaLaTeX	Xiang	530
luapstricks	A PStricks backend for LuaLaTeX	Krüger	295
luaquotes	Smart setting of quotation marks	Granet	228
luarandom	Create lists of random numbers	Voß	511
luasseq	Drawing spectral sequences in LuaLaTeX	Bauer	139
luatex-def	LuaTeX option file for color and graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
luatex-pkg	Basic definitions for LuaTeX	Oberdiek	363
luatex	The LuaTeX engine	The LuaTeX Team	475
luatex85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	169
luatexbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	379
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	279
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	277
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	410
luatodonotes	Add editing annotations in a Lua <sup>A</sup> T <sub>E</sub> X document	Lipp	311
luatruthable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Dr. Ajit Kumar	174
luavlna	Prevent line breaks after single letter words, units, or academic titles	Hoftich	252
luaxml	Lua library for reading and serialising XML files	Hoftich	252
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	511
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	421
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	487
lucold	Use old-style digits with Lucida fonts	Loreti	317
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	185
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	201
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	421
lwarp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	194
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	390
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	204
ly1	Support for LY1 L <sup>A</sup> T <sub>E</sub> X encoding	Carlisle, Schmidt, Berry	168
lyluatex	Commands to include lilypond scores within a (Lua)L <sup>A</sup> T <sub>E</sub> X document	Peron, The Gregorio Project	380



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	201
<b>MMMMM</b>			
m-pictex	Enable PicTeX to run with L <sup>A</sup> T <sub>E</sub> X	Burnus	163
M-Tx	A preprocessor for pmx	Tennent, Laurie	472
m3D	Extension of plain MetaPost for 3D graphics	Phan	380
maad	Mathematical Approximations and Documentation	Watson, Jr	242
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	392
macbibtex	BibTeX for the Macintosh	Darley	184
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	517
macrolist	List operations for L <sup>A</sup> T <sub>E</sub> X2e	Chen	172
macros2e	A list of internal L <sup>A</sup> T <sub>E</sub> X2e macros	Scharrer	417
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	305
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	487
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	487
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	487
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	204
mafr	Mathematics in accord with French usage	Obrecht	366
magaz	Magazine layout	Arseneau	131
magic	A font to go with the Magic(TM) game	Dörntge	190
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	363
magicwatermark	An easy and flexible way to set watermarks	Guo	235
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	422
mailing	Macros for mail merging	Braams	155
mailmerge	Repeating text field substitution	Frasson	213
make-env	Print USPS standard envelopes	Smith	440
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	140
make4ht	A build system for tex4ht	Hoftich	252
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	516
makebase	Typeset counters in a different base	Flynn	211
makebox	Defines a \makebox* command	Harders	240
makecell	Tabular column heads and multilined cells	Lapko	302
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	130
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	402
makecookbook	Make a Cookbook	Murphy, D'Amico	348
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	319
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	464
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	296
makeglos	Include a glossary into a document	Henlich	247
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	463
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	478
makeindex	Process index output to produce typesettable code	Chen, Beebe	173
makeindexk	Makeindex development sources	Chen, T <sub>E</sub> XLive	173
makelabels	Add a 'makelabels' feature to KOMA-Script letter classes and package	Kohm	289
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	507
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	425
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	454
makerobust	Making a macro robust (legacy package)	Oberdiek	363
makerobust209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	166
makeshape	Declare new PGF shapes	Robson	403
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	326
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	251
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	127
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	245
malayalam-omega	Typesetting Malayalam using Omega	Alex	127

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
maltese	Support input in Maltese	Farrugia	204
malvern	A sans-serif font family	Cugley	182
mandel	Compute the Mandelbrot set	Unknown	493
mandi	Macros for introductory physics and astronomy	Heafner	243
manfnt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	276
manjutex	Manju language support	Corff	179
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	173
manual	Knuth's "manual" fonts	Knuth, Hoekwater	287
manual209	A document style for manuals	Nieland	356
Manuscript	Emulate look of a document typed on a typewriter	Cepl	170
manyfoot	Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X's footnote mechanism	Rozhenko	411
manyind	Provides support for many indexes	van der Kallen	269
mapcodes	Support for multiple character sets and encodings	Piotrowski	383
maple	Styles and examples for the MAPLE newsletter	Unknown	493
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Unknown	493
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
margbib	Display bibitem tags in the margins	Tinnefeld	482
marginal	Extensions to \marginpar handling	Tolušis	483
marginfit	Improved margin notes	Leclaire	303
marginfix	Patch \marginpar to avoid overfull margins	Hicks	249
marginnote	Notes in the margin, even where \marginpar fails	Kohm	289
marginote	Make numbered notes in the margin	Greenwade	231
markdown	A package for converting and rendering markdown documents inside T <sub>E</sub> X	Novotný	358
marnote	Place text in the margin of a document	McCauley	332
marvosym	Martin Vogel's Symbols (marvosym) font	Henlich, Vogel, Miklavac	247
matapli	Class for the french journal "MATAPLI"	Chupin	176
matc3	Commands for MatematicaC3 textbooks	Vrettos	515
matc3mem	Class for MatematicaC3 textbooks	Vrettos	515
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	185
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	511
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	229
mathabx-type1	Outline version of the mathabx fonts	Hotta	256
mathabx	Three series of mathematical symbols	Phan	380
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	432
mathalphabets	Chinese introduction to mathematical alphabets	Chao	171
mathastext	Use the text font in maths mode	Burnol	162
mathbbol	Use the bbold fonts in mathematics	Knappen	283
mathcmd	Mathematics support commands	Bosisio	154
mathcommand	\newcommand-like commands for defining math macros	Colcombet	178
mathcomp	Text symbols in maths mode	Böß	154
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	381
mathdots	Commands to produce dots in math that respect font size	Luecking	320
mathematica	Support for fonts distributed with Mathematica	Kuska	298
mathesatz-examples	Examples from the book "Mathematiksatze mit L <sup>A</sup> T <sub>E</sub> X"	Voß	511
mathexam	Package for typesetting exams	Hlavacek	250
mathfam256	Extend math family up to 256 for pLaTeX/upLaTeX/Lamed	Yamashita	532
mathfixs	Fix various layout issues in math mode	Beisert	145
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	292
mathgifg	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	504
mathinst	Merge font families to create mathematical font sets	Hoenig	251
mathkit	Generate maths fonts to match outline fonts	Hoenig	251
mathlig	Define maths "ligatures"	Bean	140
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	396
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	387

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	420
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	264
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	421
mathpunctspace	Control the space after punctuation in math expressions	Kieda	275
mathrsfs	Support for using RSFS fonts in maths	Knappen	283
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	168
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	537
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	488
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	147
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	502
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	344
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	459
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	126
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	191
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	212
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	340
mathtime-metrics	MathTime AFM files	Unknown	493
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	309
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	253
MathTrip	A trip to the wonderful world of mathematics	Aubord	134
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	507
matlab-prettyfier	Pretty-print Matlab source code	Cretel	181
matlabweb	Literate programming system for Matlab	Potse	386
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	193
mattens	Matrices/tensor typesetting	Els	198
mattex	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	441
maybeload	Prevent reloading of files	Unknown	493
maybemath	Make math bold or italic according to context	Buckley	160
mbboard	Comprehensive blackboard bold fonts	Phan	380
mbenotes	Notes in tables or images	Borck-Elsner	153
mboxfill	Fill free space with a pattern	Rozhenko	411
mcaption	Put captions in the margin	Hennig	247
mceinleger	Creating covers for music cassettes	Benischke	146
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	499
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	532
mcite	Multiple items in a single citation	Ohl	367
mciteplus	Enhanced multiple citations	Shell	434
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	256
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	303
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	184
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	504
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	426
mdvi	A DVI previewer	Atria	134
mdwfonts	A model for font manipulation	Wooding	528
mdwlist	Miscellaneous list-related commands	Wooding	528
mdwmath	Some maths extensions	Wooding	528
mdwtab	A reimplementation of tabular and array environments	Wooding	528
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	528
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	187
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	227
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	228

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	297
meetingmins	Format written minutes of meetings	Beitzel	145
megatape	Make cassette tape labels	Nickel	353
mem	A multilingual system for Lamed	Bezos López	313
membranecomputing	Membrane Computing notation	Orellana Martín	328
memdesign	Notes on book design	Wilson, Madsen	526
memexsupp	Experimental memoir support	Madsen	325
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	526
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	493
memo2	A memo document style	McPherson	334
memo209	A memo document style	Roth	408
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	526
MemoirChapterSt...	Chapter styles in memoir class	Madsen	325
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	540
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	447
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	263
mensa-tex	Typeset simple school cafeteria menus	Friedl	214
mentis	A basis for books to be published by Mentis publishers	Verweyen	503
menu	Typesetting menus	Lickert	309
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	213
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	519
MEP_article	Class for Mechanical Engineering Publications	Balemi	136
meper	MetaPost editor and previewer	Pan	374
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte- gration	Sturm	454
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	333
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
messagebubbles	Display message bubbles as a conversation	Harrer	242
messagepassing	Draw diagrams to represent communication protocols	Vassor	500
meta-mode	Emacs mode for Metafont/post	Vieth	506
metafont-beginners	An introductory tutorial for Metafont	Tobin	483
Metafont	A system for specifying fonts	Knuth	286
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	525
metago	MetaPost output of Go positions	Zheng	540
metainfo	Typeset document outline with metainfo	Sauer	415
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	344
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	194
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	156
metaobj	MetaPost package providing high-level objects	Roegel	404
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	344
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	481
MetaPost_examples	Example drawings using MetaPost	Zoonekynd	541
metapost-matlab	MetaPost data plotting in Matlab style	Yang	533
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	475
metastr	Store and compose strings	Beisert	145
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	169
metatype1	Generate Type 1 fonts from MetaPost	JNS team	265
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	219
method	Typeset method and variable declarations	Leineweber, Drucbert	306
metre	Support for the work of classicists	Boggio-Togna	151
metrix	Typeset metric marks for Latin text	Weh	519
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	395
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	261
mf-ps	Metafont-PostScript conversions	Jackowski	260
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	532

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	372
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	457
mf2tex	Add labels into drawings created with Metafont	Spalek	443
mfbook	The source of The Metafontbook	Knuth	286
mff-util	Metafont management	Cugley	182
mff	Multiple font formats	Berdnikov, Turtia	147
mfistuc	Uppercase the first letter of a word	Talbot	463
mflogo-font	Metafont logo font	Knuth, Hoekwater	287
mflogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	506
mflogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	255
mfntss	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	341
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	321
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	328
mftinc	Pretty-print Metafont source	Pakin	373
mftace	Convert Metafont fonts to Adobe Type 1	Nienhuys	356
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	287
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	297
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	507
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	253
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	517
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	248
mhqu	Multicolumn equations, tags, labels, sub-numbering	Hairer	236
mhs	Historical mathematics	Brix	158
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	325
mi-solns	Extract solutions from exercises and quizzes	Story	452
miama	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	406
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	337
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	425
microtype	Subliminal refinements towards typographical perfection	Schlicht	419
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	288
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	483
Midi2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	298
midnight	A set of useful macro tools	van der Goot	226
midpage	Environment for vertical centring	Robertson, Wilson	402
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	321
miktex-portable	A version of MikTeX to carry around	Schenk	418
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	418
miktex_update	A cygwin bash script for automatic updating and installing new packages of MiKTeX	Kleber	280
mil	Samples from Math into L <sup>A</sup> T <sub>E</sub> X	Grätzer	229
mil3	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition	Grätzer	229
miller	Typeset miller indices	Harders, Pedersen	241
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	280
milstd	Generate documents according to MIL STD 490	McPherson	334
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	181
mimetex	Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps	Forkosh	212
mindflow	Write your ideas in a clear way	XU	531
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	399
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	304



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
minifp	Fixed-point real computations to 8 decimals	Luecking	321
miniltx	An abstract of L <sup>A</sup> T <sub>E</sub> X facilities for use with Plain T <sub>E</sub> X	Carlisle, Berry	168
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	396
minim-math	Extensive maths for LuaTeX	Renkema	396
minim-mp	Low-level mpbib integration for LuaTeX	Renkema	396
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	396
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	396
minim	A modern plain format for the LuaTeX engine	Renkema	396
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	478
minimalist	Write your articles or books in a simple and clear way	XU	531
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	432
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	150
minipage-marginpar	Minipages with marginal notes	Ebermann	195
MiniPlot	A package for easy figure arrangement	Wahl	516
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	192
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	234
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	385
mintspirit	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	470
minutes	Typeset the minutes of meetings	Lickert	309
mirr	PostScript mirror header (for dvips)	BOP	152
mismath	Miscellaneous mathematical macros	Missier	339
missaali	A late medieval OpenType textura font	Syrjänen	457
mitpress	Typeset documents for MIT Press	Unknown	494
mk	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	185
mkbangtex	A preprocessor for BangTeX	Ray	393
mkbib	BibTeX file creator	Banerjee	136
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	363
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	398
mkpic	Perl interface to mfpic	Dekker	185
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	130
mkstmp	Provides a simple workflow for creating custom stamps	Story	452
mla-paper	Proper MLA formatting	Aycock, Wheelwright	135
mla	MLA BibTeX styles	Weissert, Shaw	520
mlaccls	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	386
mlbib	Support for multilingual bibliographies	Matiaske	330
mlefttright	Variants of delimiters that act as maths open/close	Oberdiek	363
mlist	Logical markup for lists	Robertson	399
MLMath	Mathematical notation for Machine Learning	Ma	324
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	338
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	391
mltex	The MLTeX system	Raichle, Ferguson	391
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschaftsrat Mathematik/Informatik Uni Halle	201
mm	A jiffy Multiple Master tool	Goossens, Rahtz	226
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	220
mmafm	Font metrics for multiple-master font	Kohler	288
mmap	Include CMap resources in PDF files from pdfTeX	Moore	342
mmpfb	Create instance of multiple-master font	Kohler	288
mmtools	Multiple master fonts tools	Kohler	288
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	139
mnotes	Margin annotation for collaborative writing	Luz	323
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	528
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube	411

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	150
mnttex	Tools for the "The Secret History of the Mongols"	Corff	179
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	428
moderncv	A modern curriculum vitae class	Danaux, Lachnit	184
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	187
moderntimeline	Timelines for use with moderncv	Pinson	383
modes	A collection of Metafont mode_def's	Berry	147
modguide	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	478
modiagram	Drawing molecular orbital diagrams	Niederberger	355
modref	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	140
modroman	Write numbers in lower case roman numerals	Henel	247
modular	Relative section headings for modular documents	Sank	414
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	225
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	374
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	139
monofill	Alignment of plain text	Lück	319
monster	Obsolete name for Frankenstein	Swift	456
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	179
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	432
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerin-Kern	246
moonphase	Font for representing the phases of the moon	Brabec	156
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	456
moreenum	More enumeration options	Bradley	156
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	255
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	297
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	319
moresize	Allows font sizes up to 35.83pt	Cornelssen	180
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	202
morewrites	Always room for a new write stream	Le Floch	210
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	263
morse	Support for printing Morse code signs	Heyl	249
movie15	Multimedia inclusion package	Grahn	228
threed	3D animations	Roegel	404
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	488
mparrows	MetaPost module with different types of arrow heads	Jørgensen	267
mpattern	Patterns in MetaPost	Bolek	151
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	247
mpdinbrief	An enhanced version of dinbrief	Pilzecker	382
MPEdit	MetaPost text editor for Win32	Vabishchevich	498
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	338
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	274
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	250
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	145
MPStoEPS	A convertor from MetaPost output to Encapsulated PostScript	Henderson	246
mptrees	Probability trees with MetaPost	Péault	377
mrcheckbib	A BibTeX file verification tool	Cagnol	164
mrecog	Recognise un-escaped command names in maths	Wentworth	520
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	425
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	187
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	218

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mslapa	Michael Landy's APA citation style	Landy	301
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	347
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	494
msym	A partial implementation of the old msym10 font	Horn	254
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	310
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	153
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	448
mtgreek	Use italic and upright greek letters with mathtime	Tinnefeld	482
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	444
mucproc	Conference proceedings for the German MuC-conference	Peischl	379
mugsthesis	Thesis class complying with Marquette University Graduate School requirements	Gessler	219
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	494
multenum	Multi-column enumerated lists	Kletzing	282
multiaudience	Several versions of output from the same source	Veytsman	504
multibbl	Multiple bibliographies	Syropoulos	458
multibib	Multiple bibliographies within one document	Hansen	238
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	178
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	272
multicap	Format captions inside multicols	Vassilogiorgakis	500
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	341
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	369
multicolrule	Decorative rules between columns	Hagen	236
multidef	Quickly define several similar macros	Markey	328
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	537
multienv	Multiple environments using a "key=value" syntax	Scharrer	417
multiexpand	Variations on the primitive command \expandafter	Le Floch	210
multifootnote	Multiple numbers for the same footnote	XU	531
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	232
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	312
multiobjective	Symbols for multiobjective optimisation etc	Martí	328
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	393
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	369
multitoc	Set table of contents in multiple columns	Schröder, Peischl	425
munich	An alternative authordate bibliography style	Brixner	158
musical	Typeset (musical) theatre scripts	Howell	256
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	169
musictex	Typesetting music with T <sub>E</sub> X	Taupin	466
musikui	Easy creation of "arithmetical restoration" puzzles	Kaneko	269
musixguit	Easy notation for guitar music, in MusixTeX	Niederberger	355
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	196
musixtex-fonts	Fonts used by MusixTeX	Tennent, Uchiyama, Taupin	472
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	488
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	472
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	470
musuos	Typeset papers for the department of music, Osnabrück	Weh	519
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	227
mversion	Keeping track of document versions	Schmeing	419
mwcls	Polish-oriented document classes	Woliński	528
mwe	Packages and image files for MWEs	Scharrer	417

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mweights	Support for multiple-weight font packages	Tennent	470
mwrite	Write information to files	Creutzig	181
mxd	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	179
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	244
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	355
mycv	A list-driven CV class, allowing TikZ decorations	Gherisi	220
myfilist	Configuring the output of the \listfiles command	Lück	319
mylatex	Make a format containing a document’s preamble	Carlisle	166
mylatexformat	Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file	Chervet	174
myletter	An old letter class	Kielhorn	276
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	388
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	342
na-box	Arabic-aware version of pas-cours package	Mohamed	342
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	342
nabatean	Font for Nabatean script	Wilson	525
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	428
nahuatl	Render nahuatl glyphs	Alvarez Zavala	538
nameauth	Name authority mechanism for consistency in body text and index	Schaum	418
named	”Named” bibliography style	Patel-Schneider	377
namedef	TeX definitions with named parameters	Oleinik	367
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	366
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	192
namunsrt	An unsorted BibTeX style with labels provided in the database	Unknown	494
nanicolle	Typesetting herbarium specimen labels	Yang	533
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	277
nar	BibTeX style for Nucleic Acid Research	Schneider	423
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	310
natbib	Flexible bibliography support	Daly, Ogawa	183
natded	Typeset natural deduction proofs	Ajallooeian	126
Nath	Natural mathematics notation	Marvan	329
natmove	Move punctuation following a citation	Wright, Arseneau	529
nature	Prepare papers for the journal Nature	Czoschke	182
navigator	PDF features across formats and engines	Isambert	259
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	403
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	337
nbaseprt	Print numbers in non-decimal bases	Harders	240
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	504
nccbbb	”Poor man’s” blackboard bold	Rozhenko	411
nccboxes	Elaborate box commands	Rozhenko	411
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	411
ncccropbox	Crop-marked boxes	Rozhenko	411
ncccropmark	Draw cropmarks on the output page	Rozhenko	411
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	411
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	411
nccfoots	User-generated footnote marks	Rozhenko	411
NCC-LaTeX	An extended general-purpose class	Rozhenko	411
nccmath	Extended mathematics capabilities	Rozhenko	411
nccparskip	Modify skips between paragraphs	Rozhenko	412
nccpic	Extend the graphicx package for more formats	Rozhenko	412
nccrules	Compose dashed lines	Rozhenko	412
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	412

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ncctest	Insert a stretch between each token of a string	Rozhenko	412
nccthm	Another theorem environment	Rozhenko	412
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	412
nChairX	Maths macros from chair X of Würzburg University	Dippell	189
nddiss	Notre Dame Dissertation format class	Vijay, Brower	507
ndsu-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	165
ndsu-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	481
NEdit-L <sup>A</sup> T <sub>E</sub> X-Ext...	The L <sup>A</sup> T <sub>E</sub> X-Mode is a set of macros for the NEdit text editor	Fischer	208
needspace	Insert pagebreak if not enough space	Robertson, Wilson	402
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	488
nemocal	Calendar maker	Jeong	265
neo-euler	OpenType version of Hermann Zapf's Euler maths font	Flipo	210
nestquot	Alternate quotes between double and single with nesting	Hars	242
neufont	New font installation	Lorenz	316
neuralnetwork	Graph-drawing for neural networks	Cowan	181
neuron	BibTeX style for the journal Neuron	Rizzuto	399
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	151
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	204
newapa	Another APA citation mechanism	Spencer, Ryu	443
newcastle-bst	A BibTeX style to format reference lists in the Harvard at Newcastle style	Briggs	158
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	456
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	373
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	486
newenvirom	Processing an environment's body	Musa	349
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	402
newfloat	Define new floating environments	Sommerfeldt	442
newinsert	Reworking Plain T <sub>E</sub> X's insert macros	Neumann	353
newlrm	Write letters, facsimiles, and memos	Thompson	481
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	209
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	382
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	432
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	223
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	128
newthm	Obsolete version of ntheorem	Schlechte	419
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	432
newtxsf	Sans-math fonts for use with newtx	Sharpe	432
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	432
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	231
newvbtm	Define your own verbatim-like environment	Nakashima	350
newverbs	Define new versions of \verb, including short verb versions	Scharrer	417
nextpage	Generalisations of the page advance commands	Robertson, Wilson	402
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	511
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	394
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	341
ngerman	Support for new German typography	Raichle	391
nicefilelist	Provide \listfiles alignment	Lück	319
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	395
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	356
niceframe	Support for fancy frames	Ohlhaut	367
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	374
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	319
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	319
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	263



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nih	A class for NIH grant applications	Donald	190
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	325
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	432
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	410
ninecolors	Select colors with proper WCAG color contrast	Lyu	323
NJurepo	Reports for Nanjing University	Zheng	540
njustthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	540
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	539
njuvisual	Display logos related to Nanjing University	Xiong	531
nkarta	A "new" version of the karta cartographic fonts	Luecking	321
nl-interval	Represent intervals on the number line	Neves	353
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	254
nlctdoc	Package documentation class	Talbot	463
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	505
nn draw	Draw neural networks	Dias	188
nnext	Extension for the gb4e package	LaCara	299
nnfootnote	"No number" footnotes	Ellison	198
noconflict	Resolve macro name conflict between packages	Hossain	255
nodetree	Visualize node lists in a tree view	Friedrich	215
nofill	Preserve spaces and line breaks when setting text	Unknown	494
nohyph	Norwegian hyphenation	Kleveland, Selberg, Hufthammer	282
nohyphbx	General hyphenation patterns for Norwegian	Kleveland, Selberg	282
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	246
noitcrul	Improved underlines in mathematics	Ebermann	195
no!breaks	No line breaks in text	Arseneau	131
nomencl	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan, Netherton, Schandl	505
nomentbl	Nomenclature typeset in a longtable	Elmegaard	198
nonfloat	Non-floating table and figure captions	Rascher	392
nonumonpart	Prevent page numbers on part pages	Henel	247
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	166
noprot	Avoid the need for protection	Sozuer	443
norbib	Norwegian bibliography styles	Langmyhr	301
normalcolor	Changing \normalcolor	Kohm	289
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	505
notes	Mark sections of a document	Webb	518
notes2bib	Integrating notes into the bibliography	Wright	529
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	271
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	188
noTeX-bst	A BibTeX style that outputs HTML	Vigna	506
noto-emoji	Noto Emoji fonts	Zeng	538
noto	Support for Noto fonts	Tennent	470
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	131
notoCJKsc	This package provides Noto CJK fonts	Zhou	540
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	470
notomath	Math support for Noto fonts	Sharpe	432
novel	Class for printing fiction, such as novels	Allgeyer	128
noweb	A simple extensible literate programming tool	Ramsey	392
nowidow	Avoid widows	Pinson	383
nox	Adaptable tables	Borck-Elsner, Schöpf	153
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	415
nrc	Class for the NRC technical journals	Fairbairns, Thiele	203
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	454

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Gebruikersgroep	351
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	494
ntgclass	"European" versions of standard classes	Eijkhout, Braams	197
nth	Generate English ordinal numbers	Arseneau	131
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	258
ntheorem	Enhanced theorem environment	May, Schedler	332
NTS-L	NTS mailing list digests	Unknown	494
NTS	New Typesetting System	The NTS Project	475
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	283
nuc	Notation for nuclear isotopes	Davis	185
nucleardata	Provides data about atomic nuclides for documents	Nettles	351
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	329
numberedblock	Print a block of code, with unique index number	Segletes	429
numberpt	Counters spelled out in Portuguese	Frasson	213
numending	Generates morphological end of units	Kirillova	278
numera-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	376
numera-tables	Create multi-column tables of mathematical functions	Parsloe	376
numera	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	376
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	291
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	262
numname	Convert a number to its English expression	Swamidass	455
numameru	Converts a number to the russian spelled out name	Vit	507
numprint	Print numbers with separators and exponent if necessary	Harders	240
numspell	Spelling cardinal and ordinal numbers	Tómacs	484
Nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	219
nwejm	Support for the journal "North-Western European Journal of Mathematics"	Bitouzé	149
<b>OOOOO</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	525
obas	Web based interface to a bibliographical database	van Heerden	243
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	363
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	390
obnov	Obyknovennaya Novaya fonts	Solomykov	442
obsolete	A tree holding obsolete software	Unknown	494
oca	OCR A font	Wales	516
occam	Strip unnecessary macros from a file	Siebenmann	436
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	521
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	328
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	216
ocgx2	Drop-in replacement for 'ocgx' and 'ocg-p'	Grahn	228
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	283
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	458
ocr-a	Fonts for OCR-A	Wales, Lillqvist	516
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	516
ocr-b	Fonts for OCR-B	Schwarz	427
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	267
octave	Typeset musical pitches with octave designations	Cashner	169
octavo	Typeset books following classical design and layout	Revets	396
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	252
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	135
ofntinst	Install Type 1 for use with Omega	Kryukov	295
ofs	Macros for managing large font collections	Olšák	368

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	447
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	458
okuda	Fonts for Klingon	Kummer, Shoulson	297
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	190
old-faq-en	An early FAQ in English	Bodenheimer	151
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	334
oldlatin	Compute Modern-like font with long s	Terashita	472
oldprsn	Fonts old Persian cuneiform script	Wilson	525
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	295
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	470
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	202
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	485
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	368
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	239
12many	Generalising mathematical index sets	Schwarz	427
OneDown	Typeset Bridge Diagrams	Wiersma	522
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	382
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using amsmath	Harders	240
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	331
oops	A framework for making definitions, typically mathematical, inline	Rogard	405
opacity-pro	Set transparency and blend mode	Story	452
opcit	Footnote-style bibliographical references	Garcia-De Castro	170
opencolor	Simple use of the Open Color colors	Piazzai	380
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	342
oPlotSymbl	Some symbols which are not easily available	Döhring	189
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	196
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	368
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	242
optidef	Environments for writing optimization problems	Lago Garcia	217
optional	Facilitate optional printing of parts of a document	Arseneau	131
options	Provides convenient key-value options for L <sup>A</sup> T <sub>E</sub> X package writers	Leijen	306
optparams	Macros with multiple optional parameters	Sauer	415
orcidlink	Insert hyperlinked ORCID logo	Stein	448
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	436
orderrefs	Sort bibliography in L <sup>A</sup> T <sub>E</sub> X document by order of citation	Collins	178
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	214
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	387
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	339
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	245
orkhun	A font for orkhun script	Rakhimov	391
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	282
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	369
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	447
osmanian	Osmanian font for writing Somali	Stanier	446
Oswald	The Oswald family of fonts with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
ot-tableau	Optimality Theory tableaux in L <sup>A</sup> T <sub>E</sub> X	Baker	135
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	390
OT2Woff	OpenType to Woff converter	Frane Jr	268
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	370
otftofd	Generate control files for OpenType fonts	Washburn	518

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
othello	Modification of a Go package to create othello boards	le Comte	179
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	237
oubraces	Braces over and under a formula	Arseneau	132
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	266
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	207
outline	List environment for making outlines	Halvorson, Flaxman	237
outliner	Change section levels easily	Eijkhout	197
outlines	Produce "outline" lists	Pecheur	378
outlining	Create outlines for scientific documents	Block	150
oval	Round-cornered framed boxes	Schalück	416
ovalfbox	Boxes with frames whose corners are rounded	Unknown	494
overcite	Compressed lists of superscript numerical citations	Arseneau	132
overlays	Incremental slides	Nolda	358
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	356
overrightarrow	Doubled "over" arrow	Kilfiger	276
overword	Parse text	Bennett	146
oxford	A BibTeX style geared for use in the humanities	Antman	129
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	316
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	336
oztex	TeX for the Macintosh	Trevorrow	485
<b>PPPPP</b>			
Pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	525
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	471
padcount	Pad numbers with arbitrary characters	Goodman	225
pagecolor	Interrogate page colour	Münch	346
pagecont	Page numbering that continues between documents	Frasson	214
pagedraw	Drawing program with EPS output	Karunakaran	271
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	418
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	440
pagegrid	Print page grid in background	Oberdiek	363
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	511
pageno	Page number-only page styles	McDonnell	333
pagenote	Notes at end of document	Robertson, Wilson	402
pagerange	Flexible and configurable page range typesetting	Musa	349
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	489
pagesel	Select pages of a document for output	Oberdiek	363
pageslts	Variants of last page labels	Münch	346
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	390
palette	Create palettes for colors and symbols that can be swapped in	Chen	172
palladam	A Tamil font for Macintosh users	Govindaraj	227
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	267
pandora-type1	The Pandora font family	McPhee, Billawalla	334
pandora	The Pandora font family	Billawalla	149
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	539
paper	Versions of article class, tuned for scholarly publications	Matiaske	330
papercdcase	Origami-style folding paper CD case	Dussa	194
papermas	Compute the mass of a printed version of a document	Münch	346
papertex	Class for newspapers, etc	Llopis	311
paracol	Multiple columns with texts "in parallel"	Nakashima	350
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	375
paragraphs	Paragraph "tricks" macros	Unknown	494
paralist	Enumerate and itemize within paragraphs	Schandl	416

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
parallel	Typeset parallel texts	Eckermann	196
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	204
parboxx	Two extra alignment options for \parbox	Knappen	284
parcolumns	Multiple column parallel typesetting	Sauer	415
parese	Define simple macros for greek letters	Henel	247
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	274
parnotes	Notes after every paragraph (or elsewhere)	Hughes	257
parrun	Typesets (two) streams of text running parallel	Dominici	189
parsa	A X <sub>Y</sub> -L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	392
parselines	Apply a macro to each line of an environment	Chervet	174
parsitex	A localized Persian and bidirectional extension of T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	274
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	202
pas-cours	Macros useful in preparing teaching material	Pasquet	376
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	376
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	376
pas-tableur	Create a spreadsheet layout	Pasquet	376
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	219
passivetex	Support package for XML/SGML typesetting	Rahtz	390
patch	Patch loaded packages, etc.	Kastrup	271
patchcmd	Change the definition of an existing command	Downes	191
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	309
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	239
path	Typeset paths, making them breakable	Taylor	466
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	195
pawpict	Using graphics from PAW	Holm Christensen	175
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	366
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	162
pbalance	Balance last page in two-column mode	Lago	300
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	325
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	263
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	138
pbmtogf	Convert PBM images to GF font files	Wong	528
PBMtoPK	Conversion between PBM and PK formats	Duggan	193
pbox	A variable-width \parbox command	Law	303
pbsheet	Problem sheet class	Chafaï	171
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	505
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	385
pcinfss	Font support for current PCL printers	Harcke	239
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	146
pdcmac	Damian Cugley's document tools	Cugley	182
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	293
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	236
pdf-trans	A set of macros for various transformations of T <sub>E</sub> X boxes	Jackowski	262
pdf14	Restore PDF 1.4 to a T <sub>E</sub> X live 2010 format	Pégourié-Gonnard	378
pdfarticle	Class for pdf publications	Paciorek	371
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	198
pdfbook2	Create booklets from PDF files	Neumann	353
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	363
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	363
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	363
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	363
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	363



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdfcomment	A user-friendly interface to pdf annotations	Kleber	280
pdfcpot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	426
pdfcrop	Crop PDF graphics	Oberdiek	364
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	364
pdfescape	Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX	Oberdiek	364
pdfextra	Extra PDF features for (Op)TeX	Vlasák	507
pdfjam	Shell scripts interfacing to pdfpages	Firth, Thomas	208
pdfflatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	523
pdfscape	Make landscape pages display as landscape	Oberdiek	364
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	478
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	206
pdfoverlay	A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF	Purton	387
pdfpagediff	Find difference between two PDF's	Radhakrishnan	389
pdfpages	Include PDF documents in L <sup>A</sup> T <sub>E</sub> X	Matthias	331
pdfpc-movie	Pdftp viewer-compatible hyperlinks to movies	Friedl	214
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	446
pdfprivacy	A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data	Sion	438
PDFrack	Use psfrag with pdfLaTeX	Boyer	155
pdfrender	Control rendering parameters	Oberdiek	364
pdfreview	Annotate PDF files with margin notes	Palmer	374
pdfscreen	Support screen-based document design	Radhakrishnan	389
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	389
pdfsync	Provide links between source and PDF	Laurens	303
pdftex-def	Colour and Graphics support for pdfTeX	Carlisle, Rahtz, Hagen, Schröder, Oberdiek	168
pdftex-djgpp	An msdos-djgpp binary of the pdfTeX engine	Rivera	398
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	276
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	293
pdftex	A T <sub>E</sub> X extension for direct creation of PDF	Thành, The pdfTeX Team, T <sub>E</sub> XLive	473
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	364
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	389
pdftricks2	Use PSTricks in pdfTeX	Reibiger	394
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	389
pdfxup	Create n-up PDF pages with minimal margins	Markey	328
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	262
pedigree-perl	Generate T <sub>E</sub> X pedigree files from CSV files	Veytsman, Akhmadeeva	505
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> T <sub>E</sub> X users	Ewasiuk	201
penrose	A TikZ library for producing Penrose tilings	Stacey	445
perception	BibTeX style for the journal Perception	Singer	438
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	347
perltex	Define L <sup>A</sup> T <sub>E</sub> X macros in terms of Perl code	Pakin	373
permute	Support for symmetric groups	Heinz	244
perpage	Make a counter reset at every page boundary	Kastrup	271
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	128
petiteannonce	A class for small advertisements	Belaïche	145
Petri-nets	A set T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X packages for drawing Petri nets	Pommereau	384
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	152
pfarrei	L <sup>A</sup> T <sub>E</sub> X support of pastors' and priests' work	Kohm	289
pficons	Draw process flow diagrams in chemical engineering	Drews	192
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	301
pfnote	Number footnotes per page	Nakashima	350

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	386
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	387
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	519
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	224
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	475
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	186
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	224
pgf-umlcd	Some L <sup>A</sup> T <sub>E</sub> X macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	536
pgf-umlseq	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	475
pgf	Create PostScript and PDF graphics in T <sub>E</sub> X	The PGF/TikZ Team, Tantau, Feuersänger, Menke	475
pgfgantt	Draw Gantt charts with TikZ	Skala	439
pgfkeys	Key value control for PGF	Tantau	465
pgfkeyx	Extended and more robust version of pgfkeys	Musa	349
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	445
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	439
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	446
pgfopts	L <sup>A</sup> T <sub>E</sub> X package options with pgfkeys	Wright	529
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	310
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	330
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	206
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	206
pgothic	Fonts based on the Gothic Textura Presciscus manuscript book-hand	Wilson	525
phaistos	Disk of Phaistos font	Syropoulos	458
phfcc	Convenient inline commenting in collaborative documents	Faist	203
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	203
phffullpagefigure	Figures which fill up a whole page	Faist	203
phfnote	Basic formatting for short documents	Faist	203
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	203
phfquit	Macros for typesetting Quantum Information Theory	Faist	203
phquotetext	Quote verbatim text without white space formatting	Faist	203
phfsvnwatermark	Watermarks with version control information from SVN	Faist	203
phfthm	Goodies for theorems and proofs	Faist	203
philex	Cross references for named and numbered environments	Pagin	371
philokaliala	A font to typeset the Philokaliala Books	Syropoulos, Gamvetas	458
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	505
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	525
phoncard	Format telephone number lists	Greening	230
phonenumbers	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	519
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	377
phonrule	Typeset linear phonological rules	Coretta	179
photo	A float environment for photographs	Kuhlmann	296
photobook	A document class for typesetting photo books	Naanou	350
phy-bstyles	A collection of BibT <sub>E</sub> X styles for physics journals	Karney, Bode	270
physconst	Macros for commonly used physical constants	Mulligan	346
physe	The PHYSE format	Breitenlohner	157
physics	Macros supporting the Mathematics of Physics	de la Barrera	137
physunits	Macros for commonly used physical units	Mulligan	346
physymb	Assorted macros for Physicists	Zaslavsky	538
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	269
pi	Calculate pi	Roegel	404
piano	Typeset a basic 2-octave piano diagram	Daneault	184
picinpar	Insert pictures into paragraphs	Sowa	443
picins	Insert pictures into paragraphs	Bleser	150

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	286
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	218
pictex-autoarea	Automatic computation of bounding boxes with PiCTeX	Lück	319
PicTeX	Picture drawing macros for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Wichura	522
pictex2	Adds relative coordinates and improves the \plot command	Park	375
PicTeXsum	A summary of PicTeX commands	Duggan	193
pictexwd	A patched version of PicTeX using fewer registers	Schrell	424
picture	Dimens for picture macros	Oberdiek	364
piechart	Simple pie-charts with PSTricks	Girou	222
piechartmp	Draw pie-charts using MetaPost	Morawski	343
piff-ams	Early macros for using AMS fonts	Piff	382
piff	Macro tools by Mike Piff	Piff, Carlisle	382
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	422
pigpen	A font for the pigpen (or masonic) cipher	Corff	180
pinlabel	A T <sub>E</sub> X labelling package	Rourke	409
pinouTikZ	Draw chip pinouts with TikZ	Blazek	150
pitex	Documentation macros	Isambert, Robbers	259
piton	Typeset Python listings with LPEG	Pantigny	375
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	170
pitthesis	Document class for University of Pittsburgh theses	Kim	277
pixelart	A package to draw pixel-art pictures	Paternault	377
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	517
pkfind	A ‘find’ command which understands pk files	Vojta	508
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	373
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	364
pkgcheck	CTAN package checker	Lotz	317
pkgloader	Manage the options and loading order of other packages	Helvensteijn	245
pkuthss	L <sup>A</sup> T <sub>E</sub> X template for dissertations in Peking University	Vector	501
pkware	Utility programs for use with PK bitmap fonts	Rokicki, T <sub>E</sub> XLive	405
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	261
pl	Literate Programming for Prolog with L <sup>A</sup> T <sub>E</sub> X	Neugebauer	352
placeat	Absolute content positioning	Trautmann	484
placeins-plain	Insertions that keep their place	Arseneau	132
placeins	Control float placement	Arseneau	132
plain-cm	Variable sized fonts in Plain T <sub>E</sub> X	Brotsky, Horn	159
plain-ltx	Make plain T <sub>E</sub> X files L <sup>A</sup> T <sub>E</sub> Xable	Carlisle	167
plain	The Plain T <sub>E</sub> X format	Knuth	286
plainmisc	Miscellaneous contributed macros for plain T <sub>E</sub> X	Unknown	494
plainpkg	A minimal method for making generic packages	Lück	320
plainyr	Plain bibliography style, sorted by year first	Perrone	380
plantslabels	Write labels for plants	Merciadri	336
plantuml	Support for rendering UML diagrams using the syntax and tool of PlantUML	Kopp	291
plari	Typesetting stageplay scripts	Kaijanaho	269
plates	Arrange for “plates” sections of documents	Tanbakuchi	465
platex-tools	pL <sup>A</sup> T <sub>E</sub> X standard tools bundle	Yamashita	532
platex	pLaTeX2e and miscellaneous macros for pTeX	Maeda, Japanese T <sub>E</sub> X Team	325
platexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Japanese	Asakura	133
plautopatch	Automated patches for pLaTeX/upLaTeX	Yamashita	532
play-font	The Play font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	196
play	Typeset drama using L <sup>A</sup> T <sub>E</sub> X	Kilfiger	276
playfair	Playfair Display fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
plcalendar	Plain macros for making nice calendars	Unknown	494
plex-otf	Support for the OpenType font IBM Plex	Voß	511

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
plex	Support for IBM Plex fonts	Tennent	471
plfonts	Polish extension to Computer Modern fonts	Unknown	494
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	291
plimsoll	Fonts with the Plimsoll symbol and L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	267
plipsum	'Lorem ipsum' for Plain T <sub>E</sub> X developers	Spina	443
plnffs	Font selection for Plain T <sub>E</sub> X	Thành, Konecny, Kotucha	472
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	359
plstmary	St. Mary's Road font support for plain T <sub>E</sub> X	Luecking	321
pm-isomath	Poor man ISO math for pdfL <sup>A</sup> T <sub>E</sub> X users	Beccari	142
pmat	Typeset partitioned matrices	Oliveira e Silva	437
pmboxdraw	Poor man's box drawing characters	Oberdiek	364
pmcstex	L <sup>A</sup> T <sub>E</sub> X in emTeX IDE/FrontEnd for EPM	Mikulik	337
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	452
pmdbl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	387
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	146
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	277
pmtex	Preprocessor for MusicT <sub>E</sub> X	Simons	438
pmx	Preprocessor for MusiX <sub>T</sub> E <sub>X</sub>	Simons, Tennent	438
pmxchords	Produce chord information to go with pmx output	Fafejta	201
PNAS	BibT <sub>E</sub> X style for PNAS (old version)	Rogers	405
PNAS 2009	BibT <sub>E</sub> X style for PNAS (newer version)	Rogers	405
png2pdf	PNG to PDF converter	Krause	293
poemscot	Typesetting Critical Editions of Poetry	Burt	163
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	251
poetry	Facilities for typesetting poetry and poetical structure	Goodman	225
poetrytex	Typeset anthologies of poetry	Whited	521
pointruler	12" Ruler containing Points and Inches	Henderson	246
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
polexpr	A parser for polynomial expressions	Burnol	162
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	359
poliski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	368
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	260
polyglossia	An alternative to babel for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaT <sub>E</sub> X	Charette, Rosendahl	172
polynom	Macros for manipulating polynomials	Heinz, Adriaens	244
polynomial	Typeset (univariate) polynomials	Höst	256
polytable	Tabular-like environments with named columns	Löh	312
poorman	Raster Chinese and Japanese fonts	Ridgeway	397
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	162
popupmenu	Create popup menus in PDF files	Story	452
Portable MikT <sub>E</sub> X	Instructions for setting up MikT <sub>E</sub> X on a portable device	Grahn	228
portland	Simple portrait/landscape switching	Partl	376
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	253
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	395
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	279
poster-mac	Make posters and banners with T <sub>E</sub> X	Van Zandt	537
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	197
postnotes	Endnotes for L <sup>A</sup> T <sub>E</sub> X	Barros	137
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	511
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	309
powerdot	A presentation class	Adriaens, Ellison	126
ppchtx	Typeset chemical formula diagrams	Hagen	236
pphlp	Generate VMS help files from L <sup>A</sup> T <sub>E</sub> X 2.09 source	Gray	230
ppower4	A postprocessor for PDF presentations	Guntermann	234

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ppr-prv	Prosper preview	Goutelle	227
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	161
pracjourn	Typeset articles for PracTeX	Robertson	400
practical-latex	Example files for “Practical L <sup>A</sup> T <sub>E</sub> X”	Grätzer	229
practicalreports	Some macros for writing practical reports	Cawood	170
precattl	Prepare special catcodes from token list	user202729	498
prelim	Mark preliminary copies with a line of information	Tolksdorf	483
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	425
prepr	Preprint macros	Calvani	165
preprint	A bundle of packages provided “as is”	Daly	183
prerex	Interactive editor and macro support for prerequisite charts	Tennent	471
present	Presentations with Plain T <sub>E</sub> X	Meister	335
presentations-en	Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X	Voß	511
presentations	Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X	Voß	511
pressrelease	A class for typesetting press releases	Talbot	463
prettyref	Make label references “self-identify”	Ruland	413
prettytok	Pretty-print token lists	user202729	498
preview-latex	Preview equations in Emacs	Kastrup	271
preview	Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output	Kastrup, The AUCTeX Team	271
prftree	Macros for building proof trees	Benini	146
principia	Notations for typesetting the “Principia Mathematica”	Elkind	198
printbib	Print the contents of a bibliography	Unknown	494
printlen	Print lengths using specified units	Robertson, Wilson, Harders	403
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	353
probsoln	Generate problem sheets and their solution sheets	Talbot	463
proc	Class for producing “proceedings”	L <sup>A</sup> T <sub>E</sub> X Team	478
processkv	Process key-value pairs	Sauer	415
procIAGssymp	Macros for IAG symposium papers	Benciolini	145
prodint	A font that provides the product integral symbol	Gill, Loredó-Osti	221
productbox	Typeset a three-dimensional product box	Neugebauer	352
ProfCollege	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college	Poulain	386
proflabo	Draw laboratory equipment	Mounier	344
ProfLycee	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school	Pierquet	381
progkeys	Typeset programs, recognising keywords	Alabau	126
program	Typesetting programs and algorithms	Ward	518
progress	Creates an overview of a document’s state	Graversen	229
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	265
ProjLib	A series of tools to simplify your workflow	XU	531
proof-at-the-end	A package to move proofs to appendix	Colisson	178
proof	Shell based proofing for T <sub>E</sub> X-related files	Bosau	153
proofread	Commands for inserting annotations	Dekker	186
proofs	Macros for building proof trees	Taylor	466
prooftrees	Forest-based proof trees (symbolic logic)	Rees	394
properties	Load properties from a file	Niedermair	355
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	288
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goualard	227
protecteddef	Define protected commands	Oberdiek	364
protex	Literate programming package	The TeX4ht Team, Gurari	473
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	206
protocol	A class for minutes of meetings	Leineweber	306
protosem	Fonts for proto-Semitic cuneiform script	Wilson	525
prtec	A template for PRTEC conference papers	Lienhard	310
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	186
przechlewski-book	Examples from Przechlewski’s L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	387



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	150
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	501
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	488
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	351
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	351
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	356
ps_conv	A converter from PostScript to Encapsulated PostScript	BOP	152
ps_view	A PostScript previewer of PostScript files	BOP	152
psbao	Draw Bao diagrams	Vessella	503
psbox	PostScript box macros, etc	Orloff	369
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	326
pseudo	Straightforward pseudocode	Hetland	249
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	293
psfig	A graphics inclusion package	Darrell	184
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	190
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	279
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	391
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	494
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	175
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	229
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	171
psfragx	A psfrag eXtension	Kockaert	287
psgo	Typeset go diagrams with PSTricks	Bos	153
psgreek	L <sup>A</sup> T <sub>E</sub> X support for Greek Type 1 fonts	Kryukov, Justen	295
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	367
pslatex	Use PostScript fonts by default	Carlisle	167
psmerge	Concatenate PostScript files	Duggan	193
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	421
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	421
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	494
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	390
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	254
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	421
pspic	Drawing pictures using PostScript specials	Thorup	481
pspicture	PostScript picture support	Carlisle	167
psrip	Extract images from PostScript files	Lackas	299
psplit	Select pages from PostScript files	Kleiweg	282
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	186
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	537
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	511
pst-abspos	Put objects at an absolute position	Voß	511
pst-am	Simulation of modulation and demodulation	Luque, Voß	322
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	514
pst-arrow	Special arrows for PSTricks	Voß	511
pst-asr	Typeset autosegmental representations for linguists	Frampton	213
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	398
pst-barcode	Print barcodes using PostScript	Burton, Voß	163
pst-bezier	Draw Bezier curves	Nähring, Voß	350
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	220
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	433
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	511
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	322
pst-cie	CIE color space	Luque, Voß	322
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	513

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	514
pst-contourplot	Draw implicit functions using the “marching squares” algorithm	Luque	322
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	322
pst-dart	Plotting dart boards	Voß	512
pst-dbicons	Support for drawing ER diagrams	May	331
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	322
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	221
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	514
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	270
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	403
pst-exa	Typeset PSTricks examples, with code	Voß	512
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	512
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	222
pst-fit	Macros for curve fitting	Ledger, Voß	304
pst-fp	Fixed-point arithmetic in PSTricks	Voß	512
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	222
pst-fractal	Draw fractal sets using PSTricks	Voß	512
pst-fun	Draw “funny” objects with PSTricks	Luque, Voß	322
pst-func	PSTricks package for plotting mathematical functions	Voß	512
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	222
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	322
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	441
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	222
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	514
pst-graphicx	A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X	Voß	512
pst-hsb	Curves with continuous colours	Voß	512
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	267
pst-intersect	Compute intersections of arbitrary curves	Bersch	148
pst-Jtree	Typeset complex trees for linguists	Frampton	213
pst-knot	PSTricks package for displaying knots	Voß	512
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	222
pst-layout	Page layout macros based on PSTricks packages	Sharpe	433
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	322
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	222
pst-lsystem	Create images based on a L-system	Voß	512
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	221
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	221
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	267
pst-mirror	Images on a spherical mirror	Luque, Voß	322
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	221
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	537
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	222
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	228
pst-optexp	Drawing optical experimental setups	Bersch	148
pst-optic	Drawing optics diagrams	Luque, Voß	322
pst-osci	Oscgons with PSTricks	Luque, Jorssen	322
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	537
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	191
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	357
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	505
pst-perspective	Draw perspective views using PSTricks	Söll	441
pst-platon	Platonic solids in PSTricks	Luque, Voß	323
pst-plot	Plot data using PSTricks	Van Zandt, Voß	537

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-poker	Drawing poker cards	Voß	512
pst-poly	Polygons with PSTricks	Girou, Voß	222
pst-pulley	Plot pulleys, using PSTricks	Söll	441
pst-qtree	Simple syntax for trees	Chiang, Gildea	175
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	441
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	323
pst-shell	Plotting sea shells	Voß, Luque	514
pst-sigsys	Support of signal processing-related disciplines	Delgosha	186
pst-sipe	Sophisticated colour gradients	Giese, Voß	220
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	323
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmittbuhl, Voß	506
pst-soroban	Draw a Soroban using PSTricks	Delmotte	186
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	422
pst-spinner	Drawing a fidget spinner	Voß, Luque	514
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	323
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	329
pst-support	Assorted support files for use with PSTricks	Voß	512
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	514
pst-thick	Drawing very thick lines and curves	Luque, Voß	323
pst-tools	PSTricks support functions	Voß	512
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	513
pst-turtle	Commands for “turtle operations”	Voß	512
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	538
pst-uml	UML diagrams with PSTricks	Diamantini	188
pst-vectorian	Printing ornaments	Fradin	212
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	442
pst-venn	A PSTricks package for drawing Venn sets	Voß	512
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	347
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	323
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	125
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	514
psdoc	A tool for PSTricks documentation	Sharpe	433
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	257
psstoedit	Translate PostScript and PDF to other formats	Glunz	223
psstool	Support for psfrag within pdfLaTeX	Robertson, Prime	400
psstotext	Extract ASCII from PostScript and PDF	Birrell, McJones	149
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	449
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	514
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	513
pstricks-calcnates	Use of PSTricks in calculus lecture notes	Quan	388
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	513
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	513
pstricks-examples	PSTricks examples	Voß	512
pstring	Typeset sequences with justification pointers	Blum	150
psu-thesis	Package for writing a thesis at Penn State University	Floros	210
psutils	PostScript utilities	Duggan	193
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	263
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	263
ptex-fonts	Fonts for use with pTeX	Japanese T <sub>E</sub> X Team, Maeda	263
ptex-manual	Japanese pTeX manual	Japanese T <sub>E</sub> X Team	263
ptex-texmf	Macro and other extensions for use with PTeX	Japanese T <sub>E</sub> X Team	263
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	263

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ptex2pdf	Convert Japanese $\TeX$ documents to PDF	Japanese $\TeX$ Team	263
pnext	A ‘lipsum’ for Persian	Damanafshan	184
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	397
ptmsc	Addon to the newtx package	Sharpe	433
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	536
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	484
ptsans	PT Sans font and $\LaTeX$ support	Farar	204
ptserif	PT Serif font and $\LaTeX$ support	Farar	204
Punk- $\LaTeX$	$\LaTeX$ support for punk fonts	Jørgensen	267
punk	Donald Knuth’s punk font	Knuth, Grover	287
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	255
purifyeps	Make EPS work with both $\LaTeX$ /dvips and pdf $\LaTeX$	Pakin	373
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	370
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	419
PWT	An outline of publishing with $\TeX$	van der Laan	299
pxbase	Tools for use with (u)p $\LaTeX$	Yato	535
pxchfon	Japanese font setup for p $\LaTeX$ and up $\LaTeX$	Yato	535
pxcjkcat	$\LaTeX$ interface for the CJK category codes of up $\TeX$	Yato	535
pxfonts	Palatino-like fonts in support of mathematics	Ryu	413
pxgreek	Shape selection for PX fonts Greek letters	Burnol	162
pxjahyper	Hyperref support for p $\LaTeX$	Yato	535
pxjodel	Help change metrics of fonts from japanese-otf	Yato	535
pxpgfmark	e- $\TeX$ driver for PGF inter-picture connections	Yato	535
pxpic	Draw pixel pictures	Spratte	445
pxrubrica	Ruby annotations according to JIS X 4051	Yato	535
pxtatescale	Patch to graphics driver for scaling in vertical direction of p $\TeX$	Yamashita	532
pxtxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	433
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	535
pybib	Command line utilities to check, sort, merge Bib $\TeX$ files	Corke	180
pybliographer	A tool for managing bibliographic databases	Gobry	223
pydocstrip	Scripted version of $\LaTeX$ docstrip	Huynh	258
pygmentex	Use Pygments to format code listings in documents	Malaquias	326
PyLua $\TeX$	Execute Python code on the fly in your $\LaTeX$ documents	Enderle	199
python	Embed Python code in $\LaTeX$	Ehmsen	196
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	501
pythontex	Run Python from within a document, typesetting the results	Poore	385
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	338
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	223
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	194
QCM	A $\LaTeX$ 2e class for making multiple choice questionnaires	Verna	502
qdtexvpl	Quick and dirty virtual font creation	Mattes	330
qed	Produce an “end-of-proof” mark	Taylor	466
qfig	DOS graphics program	Ofosu-Amaah	366
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	265
qm	Commands for bras and kets and the like	Christlieb	176
qms	VMS tools for controlling QMS printers	Unknown	495
qobitree	$\LaTeX$ macros for typesetting trees	Siskind	438
qrbill	Create QR bills using $\LaTeX$	Peischl, Antener	379
qrcode	Generate QR codes in $\LaTeX$	Hendrickson	246
qrcstamps	Create QR codes using stamps	Story	452
qsharp	Syntax highlighting for the Q# language	Granade	228
qstest	Bundle for unit tests and pattern matching	Kastrup	271

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
qsymbols	Maths symbol abbreviations	Rose	407
qtree	Draw tree structures	Dimitriadis, Siskind	189
qualitytype	The QualiType font collection	Miller	339
quantikz	Draw quantum circuit diagrams	Kay	272
quantumarticle	Document class for submissions to the Quantum journal	Quantum – the open journal for quantum science, Meyer, Gogolin	388
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	337
quiz2socrative	Prepare questions for socrative quizzes	Lella	307
quotation	Typeset an attributed quotation	Unknown	495
quotchap	Decorative chapter headings	Klever, Tinnefeld	282
quote	Match pairs of double-quote characters	Goatley	223
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	154
quoting	Consolidated environment for displayed text	Titz	482
quotmark	Consistent quote marks	Talbot	464
quran-bn	Bengali translations to the quran package	Razavian	393
quran-de	German translations to the quran package	Razavian	393
quran-ur	Urdu translations to the quran package	Razavian	393
quran	An easy way to typeset any part of The Holy Quran	Razavian	393
qyxf-book	Book Template for Qian Yuan Xue Fu	You	536
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	358
r2bib	Convert refer and EndNote files to BibTeX	Mathar	329
ragged	Generic ragged left and ragged right options	Siebenmann	436
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	425
raggedr	Set an entire document raggedright	Kilfeger	276
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	407
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	309
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	252
ran_toks	Randomise token strings	Story	452
randbild	Marginal pictures	Ebermann	195
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	132
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	172
randomwalk	Random walks using TikZ	Le Floch	210
randtext	Randomise the order of characters in strings	Duan	193
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	187
rangen	Generate random integers, rational and decimal numbers	Story	452
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	333
ransom	A “very bad typewriter” font	Knuth	286
ratex	A package for German lawyers	Vosberg	509
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	254
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	264
rawprint	Print raw Russian text	Veytsman	505
rbt-mathnotes	Rebecca Turner’s personal macros and styles for typesetting mathematics notes	Turner	487
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	235
rcs-multi	Typeset RCS version control in multiple-file documents	Scharrer	417
rcs-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	407
rcs	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	425
rcsinfo	Support for the revision control system	Vollmer	508
ReadableCV	A highly readable and good looking CV and letter class	Stone	449
readarray	Read, store and recall array-formatted data	Segletes	429
readprov	Provides GetFileInfo without the need to load the file	Lück	320



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	417
realcalc	Macros for real arithmetic calculations	Buchholz	160
realhats	Put real hats on symbols instead of $\wedge$	Scroggs, Townsend	428
realscripts	Access OpenType subscript and superscript glyphs	Robertson	400
realtranspose	The “real” way to transpose a Matrix	Quentin	388
rec-thy	Commands to typeset recursion theory papers	Gerdes	219
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	317
recipebook	Typeset 5.5” x 8” recipes for browsing or printing	Granger	228
recipecard	Typeset recipes in note-card-sized boxes	Reish	395
rectopma	Recycle top matter	Benciolini	145
recycle	A font providing the “recyclable” logo	Green, Pakin	230
redefine	Conditional macro, etc., definitions	Unknown	495
redis	A Hebrew font	Goldberg	224
REdit	Menu-based editor	Rogalla	404
refcheck	Check references (in figures, table, equations, etc)	Motygin	344
refcount	Counter operations with label references	Oberdiek	364
refenums	Define named items and provide back-references with that name	Kopp	292
refer-tools	Convert between refer format and BibTeX format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzsche	327
refer	Convert a BibTeX bibliography to refer format	McHale	333
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibTeX	Kiefel	275
reflectgraphics	Techniques for reflecting graphics	Reiche	394
refman	Format technical reference manuals	Kielhorn, Partl	276
refreshpdf	Refresh PDF files “remotely”	Gerhardt	219
refstyle	Advanced formatting of cross references	Els	198
regcount	Display the allocation status of the T <sub>E</sub> X registers	Drucbert	192
regexpatch	High level patching of commands	Gregorio	231
register	Typeset programmable elements in digital hardware (registers)	Lovell	317
regstats	Information about register use	Münch	346
reledmac	Typeset scholarly editions	Rouquette	409
reledpar	Typeset scholarly editions in parallel texts	Rouquette	409
relenc	A “relaxed” font encoding	Hellström	245
relsize	Set the font size relative to the current font size	Swift, Arseneau	456
removefr	Remove from counter-reset lists	Arseneau	132
remreset	Remove counters from reset list	Carlisle	167
renditions	Multiple versions from the same content	Story	452
reotex	Draw Reo Channels and Circuits	Oliveira	367
repeat	Repeat execution of macros	Eijkhout	197
repeatindex	Repeat items in an index after a page or column break	Harders	240
repere	Diagrams for school mathematics	Péault	377
repltext	Control how text gets copied from a PDF file	Pakin	373
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	478
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	479
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	364
res	A resumé class	Krishnamurthy, DeCorte	294
rescansync	Re-scan tokens with synctex information	user202729	498
resizegather	Automatically resize overly large equations	Oberdiek	364
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	505
rest-api	Describing a rest api	Klein	281
resumcls	Typeset a resume both in English and Chinese	Hu	256
resumemac	Plain T <sub>E</sub> X macros for resumé	Hosek	255
returntogrid	Semi-automatic grid typesetting	Fischer	209

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
revertxi	Playing Reversi in $\TeX$	Le Floch	210
revnum	Reverse enumerate	Wilms	523
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	228
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	367
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	367
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	367
rft2bib	Generate BibTeX entries for IETF RFCs	Mortier	344
rftl	Ruby font installer library	Gundlach	234
RGB	Tables of RGB colour parameters	Loreti	317
rgltxdoc	Common code for documentation of the author's packages	Grewe	232
ribbonproofs	Drawing ribbon proofs	Wickerson	522
richtext	Create rich text strings	Story	453
rjlparschap	Support for use of \parschap in $\LaTeX$	Lee	305
rleptf	Rewrite labels in EPS graphics	Rourke	410
rmannot	Create rich media annotations in a PDF file	Story	453
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	413
rmligs	Remove incorrect ligatures in German documents	Jacke	260
rmpage	A package to help change page layout parameters in $\LaTeX$	McDonnell	333
rmthm	Use a roman font for theorem statements	Verwer	502
rnototex	Convert from Runoff to $\LaTeX$	Vanroose	499
Robot Man	A fun demo of AcroTeX eDucation Bundle facilities	Story	453
robotarm	TikZ powered $\LaTeX$ package to draw parameterized 2D robot arms	Snippe	441
roboto	Support for the Roboto family of fonts	Tennent	471
robustcommand	Declare robust command, with \newcommand checks	Ebermann	195
robustindex	Create index with pagerefs	van der Kallen	269
rojud	A font with the images of the counties of Romania	Bazon	140
romanbar	Write roman number with "bars"	Münch	346
romanbarpagenumber	Typesetting roman page numbers	Schneider	423
romandeadf	Romande ADF fonts and $\LaTeX$ support	Rees	394
romaniantex	$\LaTeX$ support for Romanian	Rezus	397
romanneg	Roman page numbers negative	Wolczko	527
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	402
rosario	Using the free Rosario fonts with $\LaTeX$	Esbati	200
rotate-textures	Box rotation macros for Textures	Karney	270
rotate	Rotate $\TeX$ boxes	Unknown	495
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, $\LaTeX$ Team	202
rotchiffre	Perform simple rotation cyphers	Oberdiek	364
rotfloat	Rotate floats	Sommerfeldt	442
rotpages	Typeset sets of pages upside-down and backwards	Callegari	165
rotunda	Rotunda manuscript book-hand font	Wilson	525
roundbox	Round boxes in $\LaTeX$	Khalighi, bidi-tex GitHub Organisation	274
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	226
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	185
rplain	Redefines the plain pagestyle	Sommerfeldt	442
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	370
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with $\LaTeX$	Gardner	217
rsc	BibTeX style for use with RSC journals	Wright	529

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	441
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	433
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	396
rterface	Access to R analysis from within a document	Bogue	151
rtf2latex2e	Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e	Sathyam, Prah	415
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	322
rtkinenc	Input encoding with fallback procedures	Hellström	245
rtklage	Make suit details for German courts	Vosberg	509
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	311
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	353
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	353
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	353
rubiktwo	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	353
ruhyphen	Russian hyphenation	Volovich	508
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	289
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	350
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	197
rulerbox	Draw rulers around a box	Yang	533
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	446
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	137
rune	Two rune fonts	Grant, Lüddecke	229
runic	Fonts for Anglo-Saxon futhorc script	Wilson	525
runtex	Windows program to run T <sub>E</sub> X variant and various utils as needed	Becker	143
russ	L <sup>A</sup> T <sub>E</sub> X in Russian, without babel	Shashkov	434
russian-help	L <sup>A</sup> T <sub>E</sub> X help in Russian	Lubenets	318
rustic	Roman Rustic manuscript book-hand font	Wilson	525
rutitlepage	Radboud University Titlepage Package	Lubbers	317
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	505
rvwrite	Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X	Radhakrishnan	389
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	435
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	302
<b>SSSSS</b>			
s2latex	A scribe to L <sup>A</sup> T <sub>E</sub> X converter	Jacobson, James	262
sa-tikz	TikZ library to draw switching architectures	Fiandrino	206
sae	Typeset an SAE technical paper	Franke	213
saferef	Safer references through strong typing of references	Ashton	134
sageep	Format papers for the annual meeting of EEGS	Veytsman	505
SageTeX	Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X	Pasechnik, Drake	376
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	459
samples	Samples of Plain T <sub>E</sub> X coding	Unknown	495
sanhyph	Sanskrit hyphenation patterns	Codet	177
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	454
sankey	Draw Sankey diagrams with TikZ	Gaborit	216
sans	Exchange Roman and Sans faces in a document	Knappen	284
sanskrit-t1	Type 1 version of 'skt' fonts for Sanskrit	Korop	292
sanskrit	Sanskrit support	Haisman, Wikner	236
sansmath	Maths in a sans font	Arseneau	132
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	138
sansmathfonts	Extended Computer Modern sans serif fonts	Barton	138
sapthesis	Typeset theses for Sapienza-University, Rome	Biccari	148
sarabian	Archaic South Arabian script font	Wilson, Stanier	526
SASnRdisplay	Typeset SAS or R code or output	Madsen	325
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	415
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	415
sauterfonts	Use Sauter's fonts in L <sup>A</sup> T <sub>E</sub> X	Barthelmann	138

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
saveenv	Save environment content verbatim	user202729	498
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	296
savesym	Redefine symbols where names conflict	Göbel	223
savetrees	Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document	Pakin	373
sbtex	A compact T <sub>E</sub> X distribution for MS-DOS	Sullivan	455
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	495
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	495
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	414
scalebar	Create scalebars for maps, diagrams or photos	Lake	300
scaleftnt	Rescale fonts to arbitrary sizes	Carlisle	167
scalerel	Constrained scaling and stretching of objects	Segletes	429
scanpages	Support importing and embellishing scanned documents	Sharpe	433
schedule	Weekly schedules	Alexander, Deneault	127
schedule209	Typeset schedules	Pfenning	380
schemabloc	Draw block diagrams, using TikZ	Papanicola	375
schemata	Print topical diagrams	Schaum	418
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	392
schemeweb	Simple support for literate programming in Lisp	Ramsdell	392
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	513
ScholaX	Extension of T <sub>E</sub> X Gyre Schola (New Century Schoolbook) with math support	Sharpe	433
schooldocs	Various layout styles for school documents	Missier	339
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	381
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	519
schulschriften	German “school scripts” from Suetterlin to the present day	Entenmann	200
schwalbe-chess	Typeset the German chess magazine “Die Schwalbe”	Hoening	251
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	320
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	292
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	327
scientificpaper	Format a scientific paper for journal publication	Aycock	135
scientificviewer	MacKichan software viewer	Pearson	377
sciposter	Make posters of ISO A3 size and larger	Wilkinson	523
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	487
sclang-prettypier	Prettyprinting SuperCollider source code	Cretel	181
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	380
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	321
scorecard	Format a Baseball scorecard	Wall	516
scraddr	Provide data from scrlltr2’s address files	Kohm	289
scramblenvis	Create and print scrambled environments	Chen	172
scrartcl	Koma-Script ‘article’ class	Kohm	289
scratch	Draw programs like “scratch”	Tellechea	467
scratch3	Draw programs like “scratch”	Tellechea	467
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	391
scrbase	Provide basic features for KOMA-Script	Kohm	289
scrbook	Koma-Script ‘book’ class	Kohm	289
scrdate	Calendar date operations	Kohm	289
screen	Prepare a document for a simple previewer	Unknown	495
screenplay-pkg	Package version of the screenplay document class	Munn	347
screenplay	A class file to typeset screenplays	Pate	376
scrextend	Use of components of KOMA-Script by other packages	Kohm	289
scrindex	Make index package work with Koma-script classes	Oberdiek	364
script-font	Handwriting font	Vanroose	499
script	Variant report and book styles	Neukam, Lichti	353
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	201

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ScriptTeX	Macros for scripts and screenplays	McCarthy	332
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	387
scrjrn1	Typeset diaries or journals	Pinson	383
scrjura	Koma-Script support for lawyers, etc	Kohm	290
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script's scrlayer	Kohm	290
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	290
scrlayer-scrpage	Define and manage page styles	Kohm	290
scrlayer	Manage text 'layers' within Koma-Script	Kohm	290
scrletter	Letter extension to KOMA-Script classes	Kohm	290
scr1file	Installation control for koma-script packages	Kohm	290
scr1ttr2	Koma-Script 'letter' class	Kohm	290
scr1ttr2copy	A letter class option file for the automatic creation of copies	Niepraschk	356
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	290
scrreprt	Koma-Script 'report' class	Kohm	290
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	290
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	290
scsnowman	Snowman variants using TikZ	Yamashita	532
scyrillic	A family of cyrillic fonts	Samarin, Glonti	414
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	147
sdr1	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	259
sduthesis	Thesis Template of Shandong University	Huang	256
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	321
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	202
seceqn	Number theorems by section	Leichter	306
secnum	A macro to format section numbering intuitively	Gau	218
secret	Put security classification marks in a document	Duchier	193
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	386
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	523
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	253
sectsty	Control sectional headers	McDonnell	333
seealso	Improve the performance of \see macros with makeindex	Liu	311
sehyph	Hyphenation patterns for Swedish	Rynning	413
selectp	Select pages to be output	Arseneau	132
selectpage	Select pages to be output from a document	Knuth	286
selinput	Semi-automatic detection of input encoding	Oberdiek	365
selnolig	Selectively disable typographic ligatures	Loretan	316
SemanTeX	Semantic, keyval-based mathematics	Ørsted	370
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	169
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	351
semaphor	Semaphore alphabet font	Zýka	542
semesterplanner	Create beautiful semester timetables and more	Schneider	423
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	537
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	247
semproc	Seminar proceedings	Columbus	179
SemTeX	Deals with stripped SemanTeX documents	Ørsted	370
semtrans	Transliteration of semitic languages	Knappen	284
sentences	Numbered lists for sentences	Unknown	495
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	310
sepnum	Print numbers in a "friendly" format	Raichle	391
seqsplit	Split long sequences of characters in a neutral way	Veytsman	505
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	207
serbian-book	Support for use of memoir in Serbian	Filipović	207



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
serbian-date-lat	Updated date typesetting for Serbian	Filipović	207
serbian-def-cyr	Serbian cyrillic localization	Filipović	207
serbian-lig	Control ligatures in Serbian	Filipović	207
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	207
serial	Generate serial letters	Pedersen	378
sesamanuel	Class and package for sesamath books or paper	Charpentier	172
sesstime	Session and timing information in lecture notes	Beisert	145
setdeck	Typeset cards for Set	Whieldon	521
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	365
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	242
setstrut	Automatic strut computation	von Bechtolsheim	142
settobox	Assigning dimensions of a box to a length register	Oberdiek	365
settosize-ltx	Scale text to make it fit a given width	Rahtz	390
settosize	Scale text to given width	Taylor	467
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	265
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	536
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	204
sexam	Package for typesetting arabic exam scripts	Laouidji	302
sf298	Standard form 298	Cochran, Rochford	177
sfarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch	Partl, Simon	376
sffms	Typesetting science fiction/fantasy manuscripts	DeMarco	186
sfg	Draw signal flow graphs	Schmid	419
sfheaders	Sans headers	Loreti	317
sfmath	Sans-serif mathematics	Dietrich	188
sfwmac	A set of definitions for Unix system documentation	Unknown	495
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	370
sgm1cmpt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	284
shadbox	Shade the background of any box	Glazkov	222
shade	Shade pieces of text	Schmitt	422
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	158
Shaded theorems	Theorem environments that are shaded	Hefferon	243
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	345
shadow	Shadow boxes	Orlandini	369
shadowtext	Produce text with a shadow behind it	Zwols	542
shalom	A simple Hebrew typesetting bundle	Böttcher	155
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	132
shapepatch	Transfig patch supporting shapepar	Gollwitzer	224
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	226
shavian	A Shavian spelling alphabet font	Stanier	446
shdoc	Float environment to document the shell commands of a terminal session	Laube	303
shellesc	Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	478
shhyph1	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	345
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	435
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	250
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	291
short-math-guide	Guide to using amsmath and related packages to typeset mathematical notation with L <sup>A</sup> T <sub>E</sub> X	The AMS	474
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	335
shortlst	Compact lists by running several items per line	Hansen	238
shortmathj	Automatically shortify titles of mathematical journals	Avdeev	134
shorttoc	Table of contents with different depths	Drucbert	192
shortvrb	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	478
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X2e	Pégourié-Gonnard	378

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	275
showdim	Variants on printing dimensions	Downes	191
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	356
showframe	Draw a page-layout diagram	Niepraschk	356
showhyphenation	Marking of hyphenation points	Kelkel	272
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	234
showkerning	Showing kerns in a document	Kelkel	272
showkeys	Show label, ref, cite and bib keys	Carlisle	167
showlabels	Show label commands in the margin	Gray	230
showtags	Print the tags of bibliography entries	Beebe	143
shsulet	A letter document style for use at SHSU	Greenwade	231
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	309
shuffle	A symbol for the shuffle product	Lejay, Gilbey	307
si	A comprehensive (SI) units package	Wright	529
siam	Styles for SIAM publications	Gray, Cipolone	229
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	284
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	357
sidenotes	Typeset notes containing rich content, in the margin	Thomas	480
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	515
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	345
siggraph	SIGGRAPH conference class	Kartch	271
signchart	Create beautifully typeset sign charts	Mottaz	344
Sikumuna	Lyx template for Hebrew article format	Rutenberg	413
silence	Selective filtering of error messages and warnings	Pock, Isambert	384
sillypage	John Cleese’s Silly Walk as page numbering style	Cereda	170
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	428
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	428
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	304
simplecd	Simple CD, DVD covers for printing	Majoros	326
simplecv	A simple class for writing curricula vitae	Lasgouttes	302
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	153
simpleinvoice	Easy typesetting of invoices	Lohne	312
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	467
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	501
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	170
simpler-wick	Simpler Wick contractions	Ellis	198
simples-matrices	Define matrices by given list of values	Henel	247
simplewick	Simple Wick contractions	Kolorenc	291
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	230
simplivre	Write your books in a simple and clear way	XU	531
simpsons	Metafont source for Simpsons characters	Chen	173
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	275
sines	Calculate sin function values	Walker	516
sinhala	Support for the Sinhala language	Saparamadu	414
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	438
SISTyle	Package to typeset SI units, numbers and angles	Els, Wright	199
sitem	Save the optional argument of \item	Majkrzak	326
siunits	International System of Units	Wright, Heldoorn	530
siunitx	A comprehensive (SI) units package	Wright	529
skak	Fonts and macros for typesetting chess games	Hoffmann	251
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	189

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
skb	Tools for a repository of long-living documents	van der Meer	335
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	437
skeldoc	Placeholders for unfinished documents	Hetland	249
sketch	A 3d sketch language translator	Ressler	396
skeycommand	Create commands using parameters and keyval in parallel	Musa	349
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	350
skills	Create proficiency tests	Giraud	222
skmath	Extensions to the maths command repertoire	Sigurdhsson	437
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	437
skull	A font to draw a skull	Grove	233
slantsc	Access different-shaped small-caps fonts	Harders	241
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	533
slashed	Put a slash through characters	Carlisle	167
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	439
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	331
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	216
slemp	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	456
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	515
slidenotes	Typeset slides accompanied by notes	van der Meer	335
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	341
slideshow	Generate slideshow with MetaPost	McPhee	334
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	435
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	466
smaller	Choose an “adjacent” size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	180
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	329
smalltalk	Typeset Smalltalk program fragments	Wolczko	527
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	531
smartdiagram	Generate diagrams from lists	Fiandrino	206
smartmn	Make hyphens print as minus signs where appropriate	Knappen	284
smartref	Extend L <sup>A</sup> T <sub>E</sub> X’s \ref capability	Bilotta	149
smartunits	Converting between common metric and Imperial units	Mathas	329
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	171
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	426
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	474
snaptodo	A todo that snaps to the closer side	Wang	517
snote	Shaped notes for MusicTeX	Colburn	178
snotex	Typeset notes, in the margin	Niederberger	355
sober	Makes appearance of standard styles more “sober”	Poppelier	385
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	154
softfonts	Manage the “soft fonts” in a LaserWriter printer	Small Planet Software	439
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	280
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	280
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	280
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	280
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	280
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	280
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	280
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	280
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	280
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	280
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	280
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	280
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	280

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	280
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	281
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	281
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	281
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	281
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	281
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	281
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	281
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	281
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	281
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	281
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	281
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	281
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	281
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	281
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	281
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	281
softmakerfreefont	Support files for SoftMaker free fonts	Kleber	281
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	264
songbook	Package for typesetting song lyrics and chord books	Rath	392
songs	Produce song books for church or fellowship	Hamlen	237
sorhyph	Upper Sorbian hyphenation patterns	Werner	520
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	370
sonon	University of Southampton-compliant slides	Blanco	150
soul	Hyphenation for letterspacing, underlining, and more	Franz	213
soulpos	A fancy means of underlining	Bezos López	313
soulutf8	Permit use of UTF-8 characters in soul	Oberdiek	365
soup	Generate alphabet soup puzzles	Simers	438
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	478
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	252
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	252
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	252
SouthArabic	A font for an archaic South Arabia script	Stanier	446
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	180
spacekern	Kerning between words and against space	Kelkel	272
spacingtricks	Dealing with some spacing issues	Missier	339
spain	Bibliography style for Spanish documents	Fernandez	205
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	388
spanish-mx	Typeset Spanish as in Mexico	Rivera	398
spark-otf	Support OpenType Spark fonts	Voß	513
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	311
spath3	Manipulate “soft paths” in PGF	Stacey	446
spbmark	Customize superscripts and subscripts	Yi	535
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	172
spelling	Support for spell-checking of LuaTeX documents	Hennig	248
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	386
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	217
sphypb	Experimental Spanish hyphenation patterns	Medina	334
spiderweb	A tool for building WEB systems	Ramsey	392
spie	Support for formatting SPIE Proceedings manuscripts	Hanson	238
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	377
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	321

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	434
split	Box two chunks of text side-by side	Skinner	439
splitbib	Split and reorder your bibliography	Markey	328
splitindex	Unlimited number of indexes	Kohm	290
spot	Spotlight highlighting for Beamer	Hendrickson	246
spotcolor	Spot colours for pdfLaTeX	Elstner	199
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	467
springer	Macros for Springer journals	Springer Verlag	445
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	181
sverbatim	Allow line breaks within \verb and verbatim output	Pakin	373
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	197
srcaps	Square Capitals manuscript book-hand font	Wilson	526
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	207
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	207
sr-vorl	Class for Springer books	Dabelow	182
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	447
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	488
srcredact	A tool for redacting sources	Veytsman	505
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	519
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	264
srune	Saxon rune font	Lüddecke	320
sseq	Typesetting spectral sequence charts	Bauer	139
ssbdbk10	Sans headers in book style	Unknown	495
sslides	Slides with headers and footers	Salimi	414
ssquote	Use the cmssq fonts	Vieth, Goossens	506
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	357
stabular	Multipage tabular	Tolušis	483
stack	Tools to define and use stacks	Bayart	140
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	429
stackrel	Enhancement to the \stackrel command	Oberdiek	365
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	481
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	365
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	417
stanli	TikZ Library for Structural Analysis	Hackl	236
starfont	The StarFont Sans astrological font	Skala	439
startex	An XML-inspired format for student use	Langmyhr	301
statex	Statistics style	Sparapani	443
statex2	Statistics style	Sparapani	443
statistics	Compute and typeset statistics tables and graphics	Rivaud	398
statistik	Store statistics of a document	Niedermair	355
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	129
statrep	Displays SAS code and results of running the code	Arnold	130
staves	Typeset Icelandic staves and runic letters	Syropoulos	458
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	402
stdpage	Standard pages with n lines of at most m characters each	Verweyen	503
stealcaps	“Steal” small capitals	Giannotti	220
steinmetz	Print Steinmetz notation	Gregorio	232
stellenbosch	Stellenbosch thesis bundle	Els	198
step	A free Times-like font	Miller	339
stepgreek	A free Times/Elsevier-style Greek font	Miller	339
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	288
stfloats	Commands to control the presentation of floats	Tolušis	483
SticksToo	A reworking of STIX2	Sharpe	433



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	480
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	480
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	480
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	264
stoneipa	Support for the Stone Sans Phonetic font	Velleman	501
storebox	Storing information for reuse	Scharrer	417
storecmd	Store the name of a defined command in a container	Musa	350
strands	Draw objects constructed from strands	Arcis	130
streetex	Structural organic chemistry	Strokov	453
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	370
stringenc	Converting a string between different encodings	Oberdiek	365
stringstrings	String manipulation for cosmetic and programming application	Segletes	429
structmech	A TikZ command set for structural mechanics drawings	Chang	171
struktex	Draw Nassi-Shneiderman charts	Hoffmann	251
sttools	Various macros	Tolušis, Statulevičius	483
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	454
Student Handouts	Management and styling of student handout projects	Fennell	205
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	406
sty2dtx	Create a .dtx file from a .sty file	Scharrer	417
style-showcase	Make a web page to compare styles	Hefferon	243
styledcmd	Handling multiple versions of user-defined macros	De Donato	190
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	404
subcaption	Support for sub-captions	Sommerfeldt	442
subdepth	Unify maths subscript height	Robertson	400
subdocs	Multifile documents	Bezós López	313
subeqn	Package for subequation numbering	Arseneau, Braams	133
subeqnarray	Equation array with sub numbering	Braams	155
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	177
subfigmat	Automates layout when using the subfigure package	Kleb	279
subfigure	Deprecated: Figures divided into subfigures	Cochran	177
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	414
subfloat	Sub-numbering for figures and tables	Harders	241
sublabel	Sub-number counters	Daly	183
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	202
substances	A database of chemicals	Niederberger	355
substitutefont	Easy font substitution	Milde	338
substr	Deal with substrings in strings	Harders	241
subsupscripts	A range of sub- and superscript commands	Bresciani	157
subtext	Easy text-style subscripts in math mode	Jørgensen	267
sudoku	Create sudoku grids	Abraham	125
sudokubundle	A set of sudoku-related packages	Wilson	526
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	320
suffix	Define commands with suffixes	Kastrup	271
suftesi	A document class for typesetting theses, books and articles	Valbusa	499
sugconf	SAS(R) user group conference proceedings document class	Fehd	205
superiors	Attach superior figures to a font family	Sharpe	433
supertabular	A multi-page tables package	Braams	156
suppose	Abbreviate the word “Suppose”	Lounsbury	317
susy	Macros for SuperSymmetry-related work	Turlay	487
suthesis	Typeset a Stanford University thesis	Pallas	373

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sverb	A set of verbatim text manipulations	Wooding	528
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	199
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	238
svgcolor	Define SVG named colours	Caprio	165
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	418
svn-prov	Subversion variants of \Provides... macros	Scharrer	418
svn	Typeset Subversion keywords	Lewis	309
svninfo	Typeset Subversion keywords	Brucker	159
svrsymbols	A font with symbols for use in physics texts	Syropoulos	458
swebib	Swedish bibliography styles	Engelbrechtsen	199
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	199
swfigure	Insert large images that do not fit into a single page	Beccari	142
swiftext	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	456
Swimgraf	Graphical/textual representations of swimming performances	Osborne	370
switcheml	Obfuscate email addresses (now obsolete)	Duan	193
swrule	Lines thicker in the middle than at the ends	Dussa	194
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	228
syllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	501
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	211
symbolindex	Generate a list of symbols with different subgroups	Holzmann	254
sympytex	Include symbolic computation (using sympy) in documents	Molteno	342
Synapsen	Reference management tool for BibT <sub>E</sub> X	Krajewski	293
synctex-parser	SyncT <sub>E</sub> X output file parser	Laurens	303
syngen	A tool for generating syntax diagrams from BNF	Klöcker	282
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	259
syntax-mdw	Typeset syntax descriptions	Wooding	528
syntax2	Creation of syntax diagrams	Worsch	528
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	381
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	341
syntrace	Labels for tracing in a syntax tree	Mathieu	330
synttree	Typeset syntactic trees	van Zuijlen	541
syriac	A font for Syriac written in Estrangelo	Stanier	447
syscontrolletters	Support for Systems and Control Letters	Balemi, Truöl	136
systeme	Format systems of equations	Tellechea	467
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bepalov	324
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	298
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	478
t1infos	Utilities for PostScript fonts	Baruchel	139
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	268
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	527
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	248
t2	Support for using T2 encoding	Volovich, Lemberg	509
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanesi	337
tabbing	Tabbing with accented letters	Drucbert	192
tabbingbox	Save a tabbing environment in a box	Unknown	495
tabfigures	Maintain vertical alignment of figures	Ummels	489
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	300
tableauVariations	Variation tables in MetaPost	Mazoit	332
tableaux	Construct tables of signs and variations	Kisselhoff	279
tablefootnote	Permit footnotes in tables	Münch	346
tableof	Tagging tables of contents	Burnol	163
tables	Tables without the need for a preamble	Cowan, Taylor	181
tablestyles	Styles for tables with new commands	Pospiech	385

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tablists	Tabulated lists of short items	Lapko	302
tablor	Create tables of signs and of variations	Connan	179
tabls	Better vertical spacing in tables and arrays	Arseneau	132
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	340
tabriz-thesis	A template for the University of Tabriz	Damanafshan	184
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	395
tabstackengine	“Tabbing” front-end to stackengine	Segletes	429
tabto-generic	”Tab” to a measured position in the line	Arseneau	132
tabto-ltx	“Tab” to a measured position in the line	Arseneau	132
tabu	Flexible L <sup>A</sup> T <sub>E</sub> X tabulars	Chervet	174
tabularborder	Remove excess space at left and right of tabular	Fink	208
tabularcalc	Calculate formulas in a tabular environment	Tellechea	467
tabularew	A variation on the tabular environment	Saba	413
tabularht	Tabular environments with height specified	Oberdiek	365
tabularkv	Tabular environments with key-value interface	Oberdiek	365
tabulararray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	323
tabulars-e	Examples from the book ”Typesetting tables with L <sup>A</sup> T <sub>E</sub> X”	Voß	513
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
tabulary	Tabular with variable width columns balanced	Carlisle	167
tabvar	Typesetting tables showing variations of functions	Flipo	210
tabverb	Verbatim text respecting TAB characters	Fine	207
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	312
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	358
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	209
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	522
talos	A Greek cult font from the eighties	Tsolomitis	486
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	320
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	328
tamil-omega	Tamil support for Omega/Aleph	Alex	127
tangle	Generate compilable source from web	Knuth	286
tango-weevil	A simple Web system	Minyard	339
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	261
tape	Generate cassette labels from a simple database	Podar	384
tapir	A simple geometrical font	Mitek	340
tasks	Horizontally columned lists	Niederberger	355
taylor	Macros for category-theoretic diagrams	Taylor	466
tbe	Extracts from ”TeX by Example”	Borde	153
tccompat	Provide compatibility names for textcomp.sty	Knappen	284
tcldoc	Doc/docstrip for tcl	Hellström	245
tcitexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	453
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	331
tcobox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	454
tcvn	Vietnamese Windows support	Quy	388
tdclock	A ticking digital clock package for PDF output	Randez	392
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	487
tdsfrmath	Macros for French teachers of mathematics	Henel	247
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	258
Technica	Typesetting for the humanities	Boggio-Togna	151
technics	A package to format technical documents	Nilsson	357
technion-thesis...	Template for theses on the Technion graduate school	Shuval	436
techreport	Generate Technical Reports using USC thesis style	Cochran	177
ted	A (primitive) token list editor	Pégourié-Gonnard	378
TeXEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	128

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
telprint	Format German phone numbers	Oberdiek	365
telugu	(La)TeX Support for writing the Telugu Language	Mukkavilli	345
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	205
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	442
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	385
tempora	Greek and Cyrillic to accompany Times	Sharpe	433
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	187
tengwar	Font to set Tolkien's Tengwar script	Urban	498
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	217
tensind	Typeset tensors	Bezos López	313
tensor	Typeset tensors	Piff, Ratcliffe	382
termcal-de	German localization for termcal	Friedl	214
termcal	Print a class calendar	Mitchell	340
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	513
termlist	Label any kind of term with a continuous counter	Rellermeyer	396
termmenu	The package provides support for terminal-based menus using expl3	Allred	128
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	219
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	137
testeq	An equality test for use in MetaPost	Vieth	506
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	434
testfont	A testbed for font evaluation	Knuth	286
testhyphens	Testing hyphenation patterns	Beccari	142
testidx	Dummy text for testing index styles and indexing applications	Talbot	464
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	474
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	201
tetragonos	Four-Corner codes of Chinese characters	Yang	533
teubner	Philological typesetting of classical Greek	Beccari	142
tex--xet	Bidirectional extension of T <sub>E</sub> X	Breitenlohner, Knuth, MacKay	157
TeX Converter	Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters	Mayer	332
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	244
tex-extensions	Proposals for extensions to T <sub>E</sub> X	Clasen	177
tex-font-errors...	Cheat sheet outlining the most common T <sub>E</sub> X font errors	Schlömer	419
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	244
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	244
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	260
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	260
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	260
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	260
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	260
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pianowski	262
tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre DejaVu	Jackowski, Pianowski, Strzelczyk	261
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	261
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	261
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	261
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	261
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	261
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	261

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	261
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	260
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	144
tex-ini-files	Model T <sub>E</sub> X format creation files	Wright	529
tex-it	Controller for T <sub>E</sub> X processing	Walsh	517
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	413
tex-label	Place a classification on each page of a document	Komarath	291
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	464
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	255
tex-math	Maths mode documentation for OS/2 users	Hahn	236
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olšák	368
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	484
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	152
tex-references	References for T <sub>E</sub> X and Friends	Wiedmann	522
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przechlewski	518
tex-vpat	TeX Accessibility Conformance Report	Veytsman	505
TeX	A sophisticated typesetting engine	Knuth	286
tex2bib	Extract a BibTeX database from a document source	Friendly	215
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	212
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	537
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	439
tex2rtf	TeX translator, output formats include RTF	Smart	439
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	207
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	175
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	253
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	473
texaccents	Convert composite accented characters to Unicode	Milanesi	338
texapi	Macros to write format-independent packages	Isambert, Robbers	259
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	171
texbook	The source of The T <sub>E</sub> Xbook	Knuth	286
texbuch	"The little T <sub>E</sub> XBook"	Cremer	181
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	197
texcad32	Win32 drawing package for mathematical diagrams	Unknown	495
texchord	Typeset guitar-chord diagrams	Hoffman	251
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	403
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	226
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	418
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	215
texdeps	Find the dependencies of a (La)TeX file	Cozens	181
texdiff	Compare documents and produce tagged merge	Doll, Günay	189
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	163
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	234
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	412
texdraw	Graphical macros, using embedded PostScript	Kabal	268
texed	A T <sub>E</sub> X shell for OS/2	Stippich	449
texemplar	A class for the journal of CervanTeX	Bezos López	314
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	201
texfilt	A (La)TeX log filter	Baker	135
texfot	Filter clutter from the output of a T <sub>E</sub> X run	Berry	147
TeXhax	Digests of a general T <sub>E</sub> X mailing list	Unknown	495
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	215
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	386



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texi2roff	Translate texinfo to troff	Erlebacher	200
texi2www	Converts texinfo to display on the Web	Singletary	438
texilikechaps	Format chapters with a texi-like format	Rivera	398
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	438
texindex	Simple indexing using standard Unix commands	Unknown	495
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	214
texinfo	Texinfo documentation system	Free Software Foundation	214
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	212
TeXline	A T <sub>E</sub> X-based magazine	Clark	176
texlipse	L <sup>A</sup> T <sub>E</sub> X plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	311
texlist	Typeset program listings	Forkosh	212
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	471
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	471
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	471
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	471
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	430
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	356
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	474
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	T <sub>E</sub> XLive	474
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	T <sub>E</sub> XLive	474
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	351
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	186
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	370
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	299
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	413
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	300
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	251
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	269
TeXmate	Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X	Garcia-De Castro	170
texments	Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X	Kubica	296
TeXmuse	Music typesetting system using T <sub>E</sub> X and Metafont	Garcia-De Castro	170
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Movahhedian	344
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	522
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	153
texosquery	Cross-platform Java application to query OS information	Talbot	464
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	321
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	212
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	397
texpictex	Use tpic special commands in PiCTeX	Grunwald	233
texplate	A tool for creating document structures based on templates	Cereda	170
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	306
TeXProject	A package for project management	Bressan, Gurari	157
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	540
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	215
texshade	Package for setting nucleotide and peptide alignments	Beitz	145
TeXshell	X-Window Shell for T <sub>E</sub> X	Mittelbach	341
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	454
texshop	TeX front end for use on MacOS X	Koch	287
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	350
texsketch	A drawing package for OS/2	Bahnes	135
texsort	Sort/compress numerical lists	Tolušis	483
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	196

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	129
TeX T1	TeX format from Washington State University	Guenther	233
text2bib	A PHP script to convert references to BibTeX	Osborne	370
textarea	Control the text area dynamically	Rozhenko	412
textcase	Case conversion ignoring mathematics, etc	Carlisle	167
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	390
textcsc	Simple commands for caps-to-small-caps text	Granet	228
textfit	Fit text to a desired size	Rahtz, Taylor	390
textglos	Typeset and index linguistic gloss abbreviations	Weber	519
textgreek	Upright greek letters in text	Michlmayr	336
textmerg	Merge text in T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Piff, Fairbairns, Carlisle	382
textool	A SunOS DVI viewer	Ilieve	258
texttoolspro	Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X	Algaba	128
textopo	Annotated membrane protein topology plots	Beitz	145
textpath	Setting text along a path with MetaPost	Hennig	248
textpos	Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page	Gray	230
textualcomma	Use the textual comma character as decimal separator in math mode	Friedl	215
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	268
texvc	Use MediaWiki L <sup>A</sup> T <sub>E</sub> X commands	Schubotz	426
texware	Utility programs for use with T <sub>E</sub> X	Knuth	286
tfmpr	A viewer for tfm and pk font files	Medini	334
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	302
tfrupree	A font offering the new (Indian) Rupee symbol	Jørgensen	267
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	526
tgrind	Produce beautiful program listings using plain T <sub>E</sub> X	Jacobson	262
tgrind209	Support tgrind in L <sup>A</sup> T <sub>E</sub> X 2.09	Unknown	495
thai-rmit	A font for Thai script	Kent	273
thai-usl	A font for Thai script	Kent	273
thaienum	Thai labels in enumerate environments	Janthong	262
thai fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	270
ThailaTeX	Typeset Thai texts with standard L <sup>A</sup> T <sub>E</sub> X classes	Karoonboonyanan	270
thaispec	Thai Language Typesetting in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Promkam	387
thalie	Typeset drama plays	Paternault	377
theanodidot	TheanoDidot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
theanomodern	Theano Modern fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
theanooldstyle	Theano OldStyle fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
theapa	APA (American Psychology Association) Reference Citation for L <sup>A</sup> T <sub>E</sub> X	Ryu	413
theatre	A sophisticated package for typesetting stage plays	Hinque	250
theorem	Manipulate theorem environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	341
theoremref	References with automatic theorem names	Jeřábek	265
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	365
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	238
these	Bibliography style for French theses	Herrb	248
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	484
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	297
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	393
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	300
thesis	Typeset thesis	Matiaske	330
thinsp	A stretchable \thinspace for L <sup>A</sup> T <sub>E</sub> X	Jørgensen	267
thirteen	Print dates of Friday 13th days	Unknown	496
thmbox	Decorate theorem statements	Beffara	144
thmtools	Extensions to theorem environments	Schwarz, Chou	428
thorshammer	Assessment based on AcroTeX quizzes	Story	453
threadcol	Organize document columns into PDF “article thread”	Pakin	373

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
threecol	Three-column newsletter output	Unknown	496
threecolumn	L <sup>A</sup> T <sub>E</sub> X output in three columns	Greenwade	231
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	321
3DLDF	Three-dimensional drawing with MetaPost output	Finston	208
threeparttable	Tables with captions and notes all the same width	Arseneau	132
threeparttablex	Notes in longtables	Madsen	325
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	282
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	505
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	159
thubeamer	A beamer theme for Tsinghua University	Yang	533
thucoursework	Coursework template for Tsinghua University	Zhao	539
thumb	Thumb marks in documents	Holm Christensen	175
thumbpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	365
thumbs	Create thumb indexes	Münch	346
thumby	Create thumb indexes for printed books	Goldgaber	224
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	532
tib	A bibliographic preprocessor	TUNA Association	
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Alexander, Kremer, Kolb	127
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Schwartz, Knight, Wujastyk	427
ticollege	Graphical representation of keys on a standard scientific calculator	Emmel	199
tie	Allow multiple web change files	De Sousa	443
tif2eps	A PostScript program for converting TIFF files to EPS	Guntermann	235
tiff	The tiff graphics package	Jackowski, Pianowski, Strzelczyk	261
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Leffler	305
tikz-among-us	Create some AmongUs characters in TikZ environments	Hein	244
TikZ-Bagua	Draw Bagua symbols in Yijing	Zucattelli	541
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	WANG	517
tikz-bbox	Precise determination of bounding boxes in TikZ	Luttinen	323
tikz-cd	Create commutative diagrams with TikZ	Unknown	496
tikz-dependency	A library for drawing dependency graphs	Stoffel	449
tikz-dimline	Technical dimension lines using PGF/TikZ	Pighin	382
tikz-ext	A collection of libraries for PGF/TikZ	Gross	233
TikZ-FeynHand	Feynman diagrams with TikZ	Unknown	496
tikz-feynman	Feynman diagrams with TikZ	Dohse	189
tikz-imagelabels	Put labels on images using TikZ	Ellis	198
tikz-inet	Draw interaction nets with TikZ	Plüss	384
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	de Falco	203
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Niepraschk	356
tikz-ladder	Draw ladder diagrams using TikZ	Laus	303
tikz-lake-fig	Schematic diagrams of lakes	Laus	303
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Stachelek	446
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Moutinho	344
tikz-network	Draw networks with TikZ	Gosmann	226
tikz-opm	Typeset OPM diagrams	Hackl	236
tikz-optics	A library for drawing optical setups with TikZ	Hoffmann	251
tikz-page	Small macro to help building nice and complex layout materials	Fruchart	215
tikz-palattice	Draw particle accelerator lattices with TikZ	Gross	233
TikZ-planets	Illustrate celestial mechanics and the solar system	Schmidt	420
tikz-qtree	Use existing qtree syntax for trees in TikZ	Santos	414
tikz-relay	TikZ library for typesetting electrical diagrams	Chiang	174
		Laus	303

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	303
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	397
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	418
tikz-trackschem...	A TikZ library for creating track diagrams in railways	Scheidt	418
tikz-truchet	Draw Truchet tiles	Scroggs	428
TikZbricks	Drawing bricks with TikZ	Unknown	496
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	414
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	496
tikzfill	TikZ libraries for filling with images and patterns	Sturm	454
tikzinclude	Import TikZ images from collections	Schwenk, Berg	428
TikZlings	A collection of cute little animals and similar creatures	Unknown	496
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	446
TikZmarmots	Drawing little marmots in TikZ	Unknown	496
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	414
tikzpackets	Display network packets	Paciorek	371
tikzpagenodes	A single TikZ node for the whole page	Scharrer	418
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	209
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	216
Tikzpingus	Penguins with TikZ	Sihler	437
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	397
tikzscale	Resize pictures while respecting text size	Häcker	235
tikzsymbols	Some symbols created using TikZ	Vitecek	507
tikztosvg	A utility for rendering TikZ diagrams to SVG	Unknown	496
tile-graphic	Create tiles of a graphical file	Story	453
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	214
time-gen	Print the time (12-hour clock)	Sen	430
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	382
timeline	Typeset time-lines, for planning, etc	Unknown	496
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	390
timetab	Typeset timetables	Oetiker	366
timetable	Generate timetables	Verunek	502
timing-diagrams	Draw timing diagrams	Moy	345
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	331
tinos	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	471
tiny21	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	384
tip	Macro examples from "TeX in Practice"	von Bechtolsheim	142
tipa-de	German translation of tipa documentation	Leistner	306
tipa	Fonts and macros for IPA phonetics characters	Rei	394
tipauni	Producing Unicode characters with TIPA commands	Unknown	496
tipfr	Produces calculator's keys with the help of TikZ	De Sousa	443
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezos López	314
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	258
titlecaps	Setting rich-text input into Titling Caps	Segletes	429
titlefoot	Add special material to footer of title page	Presnell	386
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	428
titlepages	Sample titlepages, and how to code them	Wilson	526
titlepic	Add picture to title page of a document	ten Cate	170
titleps	Page style control	Bezos López	314
titleref	A "\titleref" command to cross-reference section titles	Arseneau	132
titles	Titles of books, articles, etc. in L <sup>A</sup> T <sub>E</sub> X	Swift	456
titlesec	Select alternative section titles	Bezos López	314
titletoc	Alternative headings for toc/lof/lot	Bezos López	314
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	402

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tkbibtex	A portable editor and browser for BibTeX files	Corke	180
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	311
tkhyph	Hyphenation patterns for Turkish	MacKay	324
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	453
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	330
tkz-berge	Macros for drawing graphs of graph theory	Matthes	330
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	330
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	330
tkz-fct	Tools for drawing graphs of functions	Matthes	330
tkz-graph	Draw graph-theory graphs	Matthes	331
tkz-kiviat	Draw Kiviat graphs	Matthes	331
tkz-linknodes	Link nodes in mathematical environments	Matthes	331
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	514
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	331
tkzexample	Package for the documentation of all tkz-* packages	Matthes	331
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	294
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	256
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	340
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	340
TL Cockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	386
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	409
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	455
tlmgrBasics	A simplified documentation for tlmgr	Tennent	472
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	337
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	421
tmview	A DVI previewer for SVGA displays	Moor	342
to-be-determined	Highlight text passages that need further work	Bugayenko	161
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	541
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	496
tocbasic	Management of tables/lists of contents (and the like)	Kohm	290
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	402
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	194
tocenter	Centring (and other) Page Layout	Rozhenko	412
tocloft	Control table of contents, figures, etc	Robertson, Wilson	402
tocstyle	Define style of Table of contents (etc) files	Kohm	290
tocvsec2	Section numbering and table of contents control	Robertson, Wilson	402
todo	Make a to-do list for a document	Garcia-De Castro	170
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	337
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	261
tokcycle	Build tools to process tokens from an input stream	Segletes	429
tokenizer	A tokenizer	Herpers	248
tolkienfonts	Use TTF “Tolkien” fonts from the WWW with pdfTeX	Barton	138
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	173
toolbox	Tool macros	Väth	500
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	202
topfloat	Move floats to the top of the page	Macchia	324
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	156
TOPletter	Letter class for the Politecnico di Torino	Torchiano	484
topsection	An un-numbered top level section	Rozhenko	412
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	142
totalcount	Commands for typesetting total values of counters	Sommerfeldt	442
totcount	Find the last value of a counter	Koutavas	293
totpages	Count pages in a document, and report last page number	Müller	345
tpcmfont	Computer modern fonts in “true point sizes”	Knuutila	287



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	247
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	306
TpX	A drawing tool for Windows	Tsyplakov	487
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	446
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	199
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	341
tracking	Adjust tracking of strings	Glazkov	222
tracklang	Language and dialect tracker	Talbot	464
trademarks	A collection of trademarks and the like	Unknown	496
trajan	Fonts from the Trajan column in Rome	Wilson	526
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	275
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	152
transfig	Transform xfig pictures into many other formats	Smith	440
translation-arr...	French translation of the documentation of array	Drucbert	192
translation-ars...	German version of arsclassica	Römer, Gessinger	406
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	406
translation-boo...	French translation of the documentation of booktabs	Drucbert	192
translation-che...	German version of chemsym	Römer, Heuke	406
translation-dco...	French translation of the documentation of dcolumn	Drucbert	192
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	406
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	320
translation-eur...	German version of europecv	Römer, Fischer	406
translation-fil...	German version of filecontents	Römer, Berndt	406
translation-foo...	A German translation of the documentation of footmisc	Römer	406
translation-mor...	German version of moreverb	Römer, Biniok	406
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	192
translation-pst...	A German translation of the documentation of pst-jtree	Römer	406
translation-tab...	French translation of the documentation of Tabbing	Drucbert	192
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages	Niederberger	355
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	529
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	520
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	365
tree-dvips	Trees and other linguists' macros	Pease	377
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	200
treesvr	Tree macros	Vanroose	499
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	150
treetex-plain	Draw trees	Brueggemann-Klein, Wood	159
trfsigns	Typeset transform signs	Rascher	392
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	169
trigonometry	Demonstration code for cos and sin in T <sub>E</sub> X macros	Taylor	467
trimspaces	Trim spaces around an argument or within a macro	Robertson	400
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	529
trsym	Symbols for transformations	Holfert	253
truchet	Truchet tiling in MetaPost	Roegel	404
truecols	Colour facilities for SliTeX	Love	317
truetypermetrics	Metrics for some TrueType font families	Penninga	379
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	211
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	472
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	357
tsemelines	Support for the ancient \emline macro	Schlemmer	419
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	237
tt2001	Type 1 EC fonts generated by T <sub>E</sub> Xtrace	Szabó	459

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ttf-howto	Using TrueType fonts with T <sub>E</sub> X systems	Harders	241
ttf2mf	Convert True Type fonts to Metafont	Motygin	344
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	308
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siebert, Henlich	519
ttf2tex	Use TrueType fonts with t <sub>E</sub> X	Lehman	305
ttftogf	Convert True Type fonts to GF format	Vasil'ev	500
tth	A T <sub>E</sub> X to HTML translator	Hutchinson	257
ttn	TeX and TUG news archive	Thiele	480
ttt	A Tibetan Transcript Transliterator for L <sup>A</sup> T <sub>E</sub> X	Steiner	448
tucv	Support for typesetting a CV or résumé	Louthan	317
tuda-ci	L <sup>A</sup> T <sub>E</sub> X templates of Technische Universität Darmstadt	Peischl	379
tudscr	Corporate Design of Technische Universität Dresden	Hansch	238
tuftelatex	Document classes inspired by the work of Edward Tufte	Godby	223
tugboatplain	Plain T <sub>E</sub> X macros for TUGboat	Beeton, Berry	144
tugboattoc	An accumulation of TUGboat tables of contents	Beeton	144
tugboat	L <sup>A</sup> T <sub>E</sub> X macros for TUGboat articles	Fairbairns, Berry	201
tui	Thesis style for the University of the Andes, Colombia	Vaughan	501
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	455
turkish	L <sup>A</sup> T <sub>E</sub> X Support for Typesetting Turkish	MacKay	324
turkishintro	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Turkish	Rakhimov	391
turkmen	Babel support for Turkmen	Annagurban	129
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	160
turnthepage	Provide "turn page" instructions	Merciadri	336
TVS	TeX Versioning System	Antos	129
twcal	Calligraphic font for typesetting handwriting	Weinmann	520
tweb	A web system for T <sub>E</sub> X macro sources	Bzyl	164
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	539
twemojis	Use Twitter's open source emojis through L <sup>A</sup> T <sub>E</sub> X commands	Rosell	408
twocolumns	Knuth's two-column output macros	Knuth	286
2in1	Print two pages on a single page	Saxena	415
twoopt	Definitions with two optional arguments	Oberdiek	365
twoside	Two-side typesetting in Plain T <sub>E</sub> X	Unknown	496
twoup-gen	Macros to print two-up	Van Zandt, Voß	538
twoup1tx	Print two virtual pages on each physical page	Hansen	238
txfonts	Times-like fonts in support of mathematics	Ryu	413
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	486
txgreek	Shape selection for TX fonts Greek letters	Burnol	163
txp	Draw text along a path	Muelas	345
txt	Output documents via terminals, line printers, etc	Droms	192
txt2latex	Convert text by fixing special chars and quote marks	Miller	339
txt2tex	Add L <sup>A</sup> T <sub>E</sub> X markup to plain text	Jansons	262
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	433
type1cm	Arbitrary size font selection in L <sup>A</sup> T <sub>E</sub> X	Carlisle	167
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	509
typearea	Set page margins	Kohm, Neukam	291
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in L <sup>A</sup> T <sub>E</sub> X	Grewe	232
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	429
typeface	Select a balanced set of fonts	Jones	266
typehtml	Typeset HTML directly from L <sup>A</sup> T <sub>E</sub> X	Carlisle	167
typeoutfileinfo	Display class/package/file information	Lück	320
typespec	Create font samplers	Moye	345
typewriter	Typeset with a randomly variable monospace font	Carlisle	167
typicons	Font containing a set of web-related icons	Vigil	506
typoid	Macros for font diagnostics	Ratti	393

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
typografie	A tutorial on typography	Reichert	395
typogrid	Print a typographic grid	Harders	241
tzplot	Plot graphs with TikZ abbreviations	Cho	175
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	384
uaclasses	University of Arizona thesis and dissertation format	Oliver	367
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	253
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	182
uassign	Environments and options for typesetting university assignments	Esau	200
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	536
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	508
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	428
ucharcat	Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX	Carlisle	167
ucharclasses	Font actions in XeTeX according to what is being processed	Kamermans	269
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	264
ucsmonograph	Typesetting academic documents from the University of Caxias do Sul	Baron	137
ucthesis	University of California thesis format	Gildea	221
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	347
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	160
udesotec	Thesis class for the University of Duisburg-Essen	Schuler	426
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	126
uestcthesis	Thesis class for UESTC	Fujun	216
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	215
ugarite	Fonts for Ugaritic cuneiform script	Wilson	526
ugaritic	A font for Ugaritic	Stanier	447
uhc	Fonts for the Korean language	Un	489
uhassignment	A document class for typesetting homework assignments	Wittenburg	527
uhrzeit	Time printing, in German	Meltzer	335
unthesis	University of Houston thesis document style	Georgakopoulos	219
uiucredborder	Class for UIUC thesis red-bordered forms	Pakin	373
uiucthesis	UIUC thesis class	Czoschke, Hull	182
ukdate	Typeset date in a UK-ish form	Clark	176
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	530
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	436
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	496
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	488
ulem	Package for underlining	Arseneau	133
ulqda	Support of Qualitative Data Analysis	Griffin	232
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	224
ulsy	Extra mathematical characters	Goldschmitt	224
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	302
Ultra-TeX	An emacs T <sub>E</sub> X mode with "lightning completion"	Palmieri	374
umbclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	185
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	279
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	222
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	443
umoline	Underline text allowing line breaking	Nakashima	350
umrand	Package for fancy box frames	Schrell, Hörstmeier	424
umthesis	Dissertations at the University of Michigan	Felty	205
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	458

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	151
unamth-template	UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template	Velázquez	501
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	214
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	205
uncial	Uncial manuscript book-hand font	Wilson	526
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	243
underlin-generic	Multi-word underlining	Gildea	221
underlin	Underlined running heads	Schöpf	423
underoverlap	Position decorations over and under expressions	Helvensteijn	245
underscore	Control the behaviour of “_” in text	Arseneau	133
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	496
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	140
undolabl	Override existing labels	Münch	346
undump	Make a new executable with format loaded	Thomas	481
unfinished	Mark unfinished parts of a document	Unknown	496
unfonts-core	TrueType version of Un-fonts	Un	489
unfonts-extra	TrueType version of Un-fonts	Un	489
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	291
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	183
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	183
unicode-alphabets	Macros for using characters from Unicode’s Private Use Area	Eriksen	200
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub	275
unicode-data	Unicode data and loaders for T <sub>E</sub> X	Organisation Wright, L <sup>A</sup> T <sub>E</sub> X Team	530
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	400
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	264
unicodfonttable	A Unicode font table generator	Mittelbach	340
UniFiTh	Typeset theses for University of Florence (Italy)	Biccari	148
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	379
uninormalize	Unicode normalization support	Hoftich	253
uniquecounter	Provides unlimited unique counter	Oberdiek	366
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	497
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	221
unitconv	Convert a length into one with another unit	Voß	513
unitipa	TIPA typefaces with Unicode characters as input	Unknown	497
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	389
units	Typeset units	Reichert	395
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	238
universa	Herbert Bayer’s ‘universal’ font	Holm Christensen	175
universalis	Universalis font, with support	Tennent	472
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	444
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	338
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	334
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	479
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	210
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	335
unswthesis	UNSW theses	Zaitseff	537
untex	Strip (La)TeX commands from source file	Staats, Endisch	445
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	129
uowthesis	Document class for dissertations at the University of Wollongong	Ye	535
uowthesistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	232

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
upca	Print UPC-A barcodes	Mrkus	345
upgreek	Upright Greek letters	Schmidt, Harcombe	421
uplatrix	pLaTeX2e and miscellaneous macros for upTeX	Maeda, Japanese T <sub>E</sub> X Team	325
upmendex	Multilingual index processor	Tanaka	465
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	217
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	275
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	181
upref	Ensure references are upright	The AMS	474
uptex-base	Plain T <sub>E</sub> X formats and documents for upTeX	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	325
uptex-fonts	Fonts for use with upTeX	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	325
uptex	Unicode version of pTeX	Tanaka	465
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pTeX	Zhang	539
urcls	Beamer and scrlltr2 classes and styles for the University of Regensburg	Peischl	379
uri	Hyperlinks for a wide range of URIs	Münch	346
url	Verbatim with URL-sensitive line breaks	Arseneau	133
urlbst	Web support for BibTeX	Gray	230
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	498
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	498
URW-base35	URW 'Base 35' font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	498
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	421
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	498
urw	URW free font support	URW GmbH	498
urwchancal	Use URW's clone of Zapf Chancery as a maths alphabet	Sharpe	433
urwvf	Support for use of free URW fonts	Wierzbicki	522
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	177
usebib	A simple bibliography processor	Gregorio	232
usenix	Style option to do Usenix conference proceedings	Steiner	448
ushort	Shorter (and longer) underlines and underbars	Väth	500
ushyph	US hyphenation patterns	Kuiken	297
uspace	Giving meaning to various Unicode space characters	Haisman	236
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	387
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	478
ut-backref	Modified backref	Utcke	498
ut-thesis	University of Toronto thesis style	Pitt, Knight	383
utexasthesis	University of Texas at Austin graduate thesis style	Brown	159
utf2any	Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc	Kleiweg	282
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	267
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	164
utfsym	Provides various Unicode symbols	Spittank	444
util-half	A half-tone font	Unknown	497
utopia	Adobe Utopia fonts	Adobe	125
utorontothesis	A thesis class definition for University of Toronto	Bernecky	147
utthesis	Thesis package for the University of Texas at Austin	Das	184
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	381
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	381
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	381



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	381
uwmslide	Slides with a simple Power Point like appearance	Benedict	146
uwthesis	University of Washington thesis class	Fox	212
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	212
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	320
vak	BibTeX style for Russian Theses, books, etc	Melnikov	335
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	144
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	275
variations	Typeset tables of variations of functions	Obrecht	366
varindent	Make paragraph indentation match the length of the line above	Arseneau	133
varindex	Luxury frontend to the \index command	Väth	500
varioref	Intelligent page references	Mittelbach	340
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	255
varsects	A simple package for controlling headings	Taupin	466
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	540
varwidth	A variable-width minipage	Arseneau	133
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	312
vc	The vc (version control) bundle	Hennig, Hieber	248
vcell	Vertical alignment of content inside table cells	Dionne	189
vdm	Typesetting VDM schemas	Wolczko	527
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	303
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	196
venn	Creating Venn diagrams with MetaPost	Hefferon	243
venndiagram	Creating Venn diagrams with TikZ	Talbot	464
venturisADF	Venturis ADF fonts collection	Harendal, Rees	241
verbasef	VERBatim Automatic Splitting of External Files	Thompson	481
verbatim-gen	Generic macros for setting text verbatim	Taylor	467
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	497
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	144
verbatim	Reimplementation of and extensions to L <sup>A</sup> T <sub>E</sub> X verbatim	Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	424
verbatimbox	Deposit verbatim text in a box	Segletes	429
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	325
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	202
verbinp	"8-bit" verbatim	Perske	380
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	541
verbtex	Verbatim, interpreting non-ascii text	Perske	380
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	343
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	182
verifica	Typeset (Italian high school) exercises	Dossena	190
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	388
verse	Aids for typesetting simple verse	Robertson, Wilson	402
version	Conditionally include text	Bellantoni, Arseneau	145
versions	Optionally omit pieces of text	Lück	320
versionotes	Display brief notes on verso pages	Gray	230
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	403
vertex	Styles for economics working papers and journals	Varian	500
vf-howto	Tutorial on creating virtual fonts	Schmitz	422
vf-knuth	Knuth on virtual fonts	Knuth	286
vfcomb	VF author support	Berdnikov	146
vfinst	Virtual font installation support	Hoenig	251
vfware	Tools for virtual font metrics	Knuth	287
vgrid	Overlay a grid on the printed page	Lawrence	303
vhistory	Support for creating a change log	Wertenauer	521

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
vicentino	Vicentino fonts	Kraml, Kilfiger	293
vietnet	Preprocessor and macros for Vietnamese	Tran	484
viiptart	7pt-article class	Zadka	536
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	540
vispeech	Using Bell's Visible Speech alphabet	Shoulson	435
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	268
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	373
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	169
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	406
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	170
vita	Configurable class for curricula vitarum	Brodnik	158
vita209	A Curriculum Vitae style	Border	153
vmargin	Set various page dimensions	Kuhlmann	296
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	202
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	284
vtex-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	292
vtex	Support for Vietnamese	Thành, Lemberg, Kotucha	473
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Ververidis	502
volumes	Typeset only parts of a document, with complete indexes etc	Küster	298
voss-mathcol	Typesetting mathematics in colour, in (La)T <sub>E</sub> X	Voß	513
voss-mathmode	A comprehensive review of mathematics in (La)T <sub>E</sub> X	Voß	513
vowel	Draw vowel charts for phonetic research	Rei	394
vpage	Set page sizes	Kuhlmann	296
vpe	Source specials for PDF output	Oberdiek	366
vplutils	Manipulate (virtual) property lists	Duggan	193
vpp	View and (selectively) Print PDF and PostScript	Dekker	186
vrbl	Verbatim macros in plain T <sub>E</sub> X	van der Laan	299
vrblxin	Verbatim input support	Thompson	481
vrbln	Add version number to a DVI file	Dahlgren	183
vruler	Numbering text	Jiang	265
VSliTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	287
vtbl	Vertical alignment of table cells	Paciorek	371
VTex/Free	TeX system and PDF support for Linux and OS/2	MicroPress	337
vutex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	527
vvcode	Reliable encoder for binary files via email	Kempson	273
vwcol	Variable-width multiple text columns	Robertson	400
vxu	Document classes for Vaxjo University	Nyqvist	359
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	421
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	269
wadalab	Wadalab (Japanese) font packages	Lemberg	308
wallcalendar	A wall calendar class with custom layouts	Bhikkhu	148
wallpaper	Easy addition of wallpapers (background images) to L <sup>A</sup> T <sub>E</sub> X documents, including tiling	Wilkinson	523
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	176
warning	Global warnings at the end of the logfile	Harders	241
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	403
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	421
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	250
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	516
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	276
watermark	Draw "watermarks" on the output page	Rozhenko	412
weave	Generate T <sub>E</sub> X source from web	Knuth	287
web	The original literate programming system	Knuth	287
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	519

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	412
web9pt	Nine-point web listings	Unknown	497
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	226
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	386
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	526
webmacss	Use sans serif font in Web listings	Unknown	497
webomints	Webomints font support	Loreti	317
WebQuiz	Write interactive web based quizzes	Mathas	329
weekday	Generate "day of week"	Vulis	515
wheelchart	Draw wheelcharts with TikZ	Floré	210
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	373
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	522
widetable	An environment for typesetting tables of specified width	Beccari	142
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	340
wiggly	Draw wiggly lines under text	Garavelli	217
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	320
williams	Miscellaneous macros by Peter Williams	Williams	523
willowtreebook	Easy basic book class, built on memoir	McKay	333
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	292
window	Create windows in paragraphs	Schalück	416
windvi	MS-Windows DVI viewer	Popineau	385
windycity	A Chicago style for BibLaTeX	Chase	172
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	438
winemtex	EmTeX for windows	Unknown	497
Winfonts	Use fonts distributed with Windows XP	Pichaureau	381
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	395
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	151
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	345
withargs	In-place argument substitution	Helvensteijn	245
witharrows	"Aligned" math environments with arrows for comments	Pantigny	375
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	146
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	345
wmf2eps	Windows metafile conversion	Schulter	426
wncyr	University of Washington cyrillic fonts	The AMS	474
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	374
wnri	Ridgeway's fonts	Ridgeway, Pandey	397
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	497
wochtag	Generate the German weekday name for a date	Schrell	424
Woff2OT	Woff to OpenType converter	Frane Jr	268
word2latex	A translator from MS Word to L <sup>A</sup> T <sub>E</sub> X documents	de Boer	151
word2tex	Convert T <sub>E</sub> X/MSWord to L <sup>A</sup> T <sub>E</sub> X	Chikrii	175
word2x	Word 6 format converter	Simpson	438
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	191
wordlike	Simulating word processor layout	Fenn	205
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	184
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	527
worksheet	Easy creation of worksheets	Zöllner	541
worldflags	Drawing flags with TikZ	Haager	235
wotree	Draw Warnier/Orr diagrams	Gurari	235
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtík	211
wrapfig	Produces figures which text can flow around	Arseneau	133
wrapfig2	Wrap text around figures	Beccari	142
wrapstuff	Wrapping text around stuff	Lee	304
wright	Define commands with optional arguments	Unknown	497
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	440

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	407
wsuipa	International Phonetic Alphabet fonts	Guenther	233
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	282
WTRef	Extend L <sup>A</sup> T <sub>E</sub> X's cross-reference system	Asakura	133
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	379
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	497
xassocnt	Associated counters stepping simultaneously	Hupfer	257
xbibfile	Create and search BibTeX databases	Maloney	326
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	272
xbmks	Create a cross-document bookmark tree	Story	453
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	210
XCharter	Extension of Bitstream Charter fonts	Sharpe	433
xcite	Use citation keys from a different document	Gregorio	232
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	304
xcmr	A crossed-out version of Computer Modern	Unknown	497
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	257
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	478
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	369
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	181
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	273
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	538
xcookybooky	Typeset (potentially long) recipes	Harder	239
xcpdftips	Natbib citations with PDF tooltips	Kocic	287
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	245
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	388
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	497
xdvi	A DVI previewer for the X Window System	Vojta	508
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	393
xexchangebar	An extension of package changebar that can be used with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	458
xecjk	Support for CJK documents in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	304
xecolor	Support for color in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	275
xecolour	Support for colour in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	275
xecyr	Using Cyrillic languages in XeTeX	Shipunov	435
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	458
xeindex	Automatic index generation for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	260
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	226
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	344
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	275
xesearch	A string finder for XeTeX	Isambert, Robbers	260
xesoul	Use the soul package with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	458
xespotcolor	Spot colours support for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	458
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	324
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	171
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	342
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	448
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	458
xetex-itrans	Itrans input maps for use with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	125
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	434
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	448

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	273
xetexfontinfo	Report font features in XeTeX	Kew	273
xetexko	Typeset Korean with Xe(La)TeX	Kim	277
XeTeXref	Reference documentation of XeTeX	Robertson	400
xevlna	Insert non-breakable spaces using XeTeX	Wagner	516
xfakebold	Fake a regular font for bold characters	Voß	513
xfig	XWindows vector drawing program	Smith	440
xfor	A reimplementaion of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	464
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	479
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	253
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	479
xgreek	Greek Language Support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	458
xhfill	Extending \hrulefill	Voß	513
xifthen	Extended conditional commands	Noirel	357
xii-lat	Christmas silliness (Latin)	Carlisle	167
xii	Christmas silliness (English)	Carlisle	167
xindex	Unicode compatible index generation	Voß	513
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	275
xindy	A general-purpose index processor	Kehr, Schrod	272
xint	Expandable operations on long numbers	Burnol	163
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	163
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	445
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	255
xkcdcolors	xkcd names of colors	Giannetti	220
xkeyval	Extension of the keyval package	Adriaens	126
xkvltxp	Provision for expandable macros in package options	Adriaens	126
xkvview	Xkeyval viewer	Adriaens	126
xl2latex	Convert Excel (97 and above) tables to L <sup>A</sup> T <sub>E</sub> X tabulars	Buchmann	160
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	191
xlop	Calculates and displays arithmetic operations	Charpentier	172
xltablear	Longtable support with possible X-column specifier	Voß, Niepraschk	514
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	400
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	444
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	276
xmltex	Support for parsing XML documents	Carlisle	167
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	441
xmthesis	XMU thesis style	Cao	165
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	357
xoptarg	Expandable macros that take an optional argument	Noirel	357
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	479
xpatch	Extending etoolbox patching commands	Gregorio	232
xpdf	Viewing and manipulating PDF files	Noonburg	358
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	188
xpeek	Define commands that peek ahead in the input stream	Salomon	414
xpiano	An extension of the piano package	Gregorio	232
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	216
xpinyin	Automatically add pinyin to Chinese characters	Lee	304
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	256
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	392
xq	Support for writing about xiangqi	Weinhold, Pipping	520



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	168
xr	References to other L <sup>A</sup> T <sub>E</sub> X documents	Carlisle, Drucbert, L <sup>A</sup> T <sub>E</sub> X Team	168
xrefwarn	Only one warning for an undefined citation	Verwer	503
xsavebox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	228
xsim	eXercise Sheets IMproved	Niederberger	355
xskak	An extension to the skak package for chess typesetting	Fischer	209
xspace	Define commands that appear not to eat spaces	Carlisle, Høgholm, L <sup>A</sup> T <sub>E</sub> X Team	168
xstring	String manipulation for (La)TeX	Tellechea	467
xtab	Break tables across pages	Robertson, Wilson	403
xtcpts	Defining language-dependent text macros	Fricke	214
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	301
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	479
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	439
XteXShell	A shell/editor	Hofmann	252
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	412
xtuthesis	XTU thesis template	Dongdong	190
xunicode	Generate Unicode characters from accented glyphs	Moore	342
xurl	Allow URL breaks at any alphanumeric character	Voß	513
xwatermark	Graphics and text watermarks on selected pages	Musa	350
xwpick	Pick an image from an X display	Chernyaev	173
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	508
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	407
xymtex	Typesetting chemical structures	Fujita	216
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	165
xypic	Flexible diagramming macros	Rose, Moore	407
xytree	Tree macros using XY-Pic	Un	489
<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	351
yagusylo	A symbol loader	Henel	247
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	226
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	201
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	324
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	239
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	149
yax	Yet Another Key System	Isambert, Robbers	260
yazd-thesis	A template for the Yazd University	Damanafshan	184
ybook	Template for YB Branded Books	Bugayenko	161
ycbook	A versatile book class	Cherem	173
ydoc	Macros for documentation of L <sup>A</sup> T <sub>E</sub> X classes and packages	Scharrer	418
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	344
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	210
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	159
yfonts	Support for old German fonts	Schmidt, Preining	422
yfrak	Old German Fraktur font	Haralambous	239
ygoth	Old German Gothic font	Haralambous	239
yhmth	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	239
yi4latex	Yi (Southern Chinese) support	Corff	180

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	424
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	239
yinit	Old German decorative initials	Haralambous	239
york-thesis	A thesis class file for York University, Toronto	Gall	217
young	Young tableaux	Knappen, Wormer	284
youngtab	Typeset Young-Tableaux	Börchers	152
yplan	Daily planner type calendar	Nickalls, Harders	353
yquant	Typesetting quantum circuits in a human-readable language	Desef	187
yswab	Old German Schwabacher font	Haralambous	239
yt4pdf	Play YouTube videos in a PDF	Story	453
ytableau	Many-featured Young tableaux and Young diagrams	Reich	394
ytex	Macro package developed at MIT	Brotsky	159
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	497
zahl2string	Format numbers as German words	Sauer	415
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	338
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	142
zebra-goodies	A collection of handy macros for paper writing	Xue	531
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	185
zed	Typeset Z specifications	Spivey	444
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	216
zero	Start list (etc.) numbering at zero	Verhoeff	502
zhlineskip	Line spacing for CJK documents	Zhang	539
zhlipsum	Chinese dummy text	Zeng	539
zhmakeindex	Makeindex replacement for Chinese users	Liu	311
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	311
zhmetrics-uptex	Chinese font metrics for upT <sub>E</sub> X	Liu	311
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	517
zhnumber	Typeset Chinese representations of numbers	Lee	304
zhspacing	Spacing for mixed CJK-English documents in XeT <sub>E</sub> X	Dian, Lee	188
ziffer	Conversion of punctuation in maths mode	Väth	501
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	299
zip	Barcodes for USA ZIP code	Smith	440
zitie	Create CJK character calligraphy practicing sheets	Unknown	497
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	433
zootaxa-bst	A BibT <sub>E</sub> X style for the journal Zootaxa	Ballen	136
zref-check	Flexible cross-references with contextual checks based on zref	Barros	138
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	138
zref-vario	Extended L <sup>A</sup> T <sub>E</sub> X page cross-references with varioref and zref-clever	Barros	138
zref	A new reference scheme for L <sup>A</sup> T <sub>E</sub> X	Oberdiek	366
zwgetfdate	Get package or file date	Wagner	516
zwpagelayout	Page layout and crop-marks	Wagner	516
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	178
zxjafbfont	Fallback CJK font support for xeCJK	Yato	535
ZXjafont	Set up Japanese font families for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	535
ZXjatype	Standard conforming typesetting of Japanese, for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	535
ZzT <sub>E</sub> X	A full-featured T <sub>E</sub> X macro package for producing books, journals, and manuals	Anagnostopoulos	129

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 URL: <https://ctan.org/pkg/extract>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extract>
- *The graphicx-psmin package. Reduce size of PostScript files by not repeating images*. 2020-11-14. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/graphicx-psmin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicx-psmin>
- *The ha-prosper package. Patches and improvements for prosper*. 2021-06-21. Version 4.21. LICENSE: lppl. HA-prosper is a patch for prosper that adds new functionality to based presentations. Among the new features you will find automatic generation of a table of contents on each slide, support for notes and portrait slides. The available styles demonstrate how to expand the functionality of prosper even further.  
 URL: <https://ctan.org/pkg/ha-prosper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ha-prosper>
- *The pst-xkey package. Key-value syntax for PSTricks packages*. 2018-09-15. Version 1.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-xkey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
- *The xkeyval package. Extension of the keyval package*. 2022-06-16. Version 2.9. LICENSE: lppl1.3. This package is an extension of the package and offers additional macros for setting keys and declaring and setting class or package options. The package allows the programmer to specify a prefix to the name of the macros it defines for keys, and to define families of key definitions; these all help use in documents where several packages define their own sets of keys.

- URL: <https://ctan.org/pkg/xkeyval>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
- Adriaens, Hendri. *The xkvltxp package. Provision for expandable macros in package options*. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/xkvltxp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
- *The xkvview package. Xkeyval viewer*. 2016-06-24. Version 1.4a. LICENSE: lppl. If xkvview is loaded, all keys defined in a document using the parent package are stored in an internal database. The command (which takes an argument of options) can be used to print the keys.  
URL: <https://ctan.org/pkg/xkvview>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xkeyval>
- Adriaens, Hendri and Chris Ellison. *The powerdot package. A presentation class*. 2021-05-19. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/powerdot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot>
- Adrián, Luis Marco. *The mathstone package. Use Adobe Stone Serif and Stone Sans for typesetting maths*. 2021-09-11. Version 2.0. LICENSE: gpl3  
URL: <https://ctan.org/pkg/mathstone>  
MIRROR: <https://mirror.ctan.org/fonts/mathstone>
- Africa, Pasquale Claudio. *The beamertheme-focus package. A minimalist presentation theme for L<sup>A</sup>T<sub>E</sub>X Beamer*. 2022-03-09. Version 3.3.0. LICENSE: gpl3  
URL: <https://ctan.org/pkg/beamertheme-focus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-focus>
- Agostini, Giulio and Mileto Rigido. *The fancyhdr-it package. Italian translation of fancyhdr documentation*. 2016-06-24. LICENSE: lppl. The translation is of documentation provided with the package.  
URL: <https://ctan.org/pkg/fancyhdr-it>  
MIRROR: <https://mirror.ctan.org/info/translations/fancyhdr/it>
- Aguirregabiria, Juan M. *The bahyph package. Hyphenation for Basque*. 2016-11-05. LICENSE: other-free  
URL: <https://ctan.org/pkg/bahyph>  
MIRROR: <https://mirror.ctan.org/language/basque>
- Aguirregabiria, Juan M. and Gorka Zubia Garea. *The babel-basque package. Babel contributed support for Basque*. 2020-04-29. Version 1.0f. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-basque>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/basque>
- Ajalloeian, Mohammad M. *The natded package. Typeset natural deduction proofs*. 2016-06-24. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/natded>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/natded>
- Akkerman, Igor. *The AkkTeX package. A collection of packages and classes*. 2016-06-24. Version 0.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/akktex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akktex>
- *The uebungsblatt package. A L<sup>A</sup>T<sub>E</sub>X class for writing exercise sheets*. 2016-06-24. Version 1.5.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/uebungsblatt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uebungsblatt>
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URL: <https://ctan.org/pkg/progkeys>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/progkeys>
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URL: <https://ctan.org/pkg/ethtex>  
MIRROR: <https://mirror.ctan.org/language/ethiopia/ethtex>
- Alessi, Robert. *The arabluatex package. ArabTeX for LuaLaTeX*. 2020-03-23. Version 1.20. LICENSE: gpl3+,cc-by-sa-4. This package provides for LuaLaTeX an -like interface to generate Arabic writing from an ascii transliteration. It is particularly well-suited for complex documents such as technical documents or critical editions where a lot of left-to-right commands intertwine with Arabic writing. is able to process any ArabTeX input notation. Its output can be set in the same modes of vocalization as ArabTeX, or in different roman transliterations. It further allows many typographical refinements. It will eventually interact with some other packages yet to come to produce from source files, in addition to printed books, TEI xml compliant critical editions and/or lexicons that can be searched, analyzed and correlated in various ways.  
URL: <https://ctan.org/pkg/arabluatex>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/arabluatex>

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URL: <https://ctan.org/pkg/ekdosis>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/ekdosis>
- *The icite package. Indices locorum citatorum*. 2020-03-05. Version 1.3a. LICENSE: gpl3+,cc-by-sa-4. The package is designed to produce from Bib $\text{\TeX}$  or Bib $\text{\LaTeX}$  bibliographical databases the different indices of authors and works cited which are called indices locorum citatorum. It relies on a specific command and can operate with either Bib $\text{\TeX}$  or Bib $\text{\LaTeX}$ .  
URL: <https://ctan.org/pkg/icite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icite>
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URL: <https://ctan.org/pkg/malayalam-latex>  
MIRROR: <https://mirror.ctan.org/language/malayalam>
- *The malayalam-omega package. Typesetting Malayalam using Omega*. 2016-06-24. Version 1.0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/malayalam-omega>  
MIRROR: <https://mirror.ctan.org/macros/omega/latex/contrib/malayalam-omega>
  - *The tamil-omega package. Tamil support for Omega/Aleph*. 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/tamil-omega>  
MIRROR: <https://mirror.ctan.org/macros/omega/latex/contrib/tamil-omega>
- Alexander, James, Sebastian Kremer, and Hans-Peter Kolb. *The tib package. A bibliographic preprocessor*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/tib>  
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URL: <https://ctan.org/pkg/comment-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/comment.tex>
- *The Exam design package.  $\text{\LaTeX}$  class for typesetting exams*. 2016-06-24. Version 1.101. LICENSE: gpl  
URL: <https://ctan.org/pkg/examdesign>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examdesign>
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URL: <https://ctan.org/pkg/schedule>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schedule>
- Alfonsi, Bernard and Yvon Henel. *The l2tabu-french package. French translation of l2tabu*. 2016-06-24. Version 2.3. LICENSE: gpl. French translation of .  
URL: <https://ctan.org/pkg/l2tabu-french>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/french>
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URL: <https://ctan.org/pkg/consdiag>  
MIRROR: <https://mirror.ctan.org/support/consdiag>
- *The fancyhdrboxed package. Elaborate page headers, specified in a non- $\text{\LaTeX}$  language*. 2018-09-15. Version 1.0. LICENSE: gpl. Easy and fast creation of page headers for the documentation of Software Engineering Projects, using a mini language implemented in python that generates code that is then embedded in headers specified in the usual way, using .  
URL: <https://ctan.org/pkg/fancyhdrboxed>  
MIRROR: <https://mirror.ctan.org/support/fancyhdrBoxed>
  - *The gentabtex package. Python helper for creating tables*. 2021-03-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/gentabtex>  
MIRROR: <https://mirror.ctan.org/support/gentabtex>



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URL: <https://ctan.org/pkg/grapher>  
MIRROR: <https://mirror.ctan.org/support/grapher>
- *The TeEncontreX package. Help for users of T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/teencontrex>  
MIRROR: <https://mirror.ctan.org/info/spanish/TeEncontreX>
  - *The texttoolspro package. Tools for documentation written in L<sup>A</sup>T<sub>E</sub>X*. 2019-11-14. Version 1.1. LICENSE: other-free. A small set of utilities for doing documentation in L<sup>A</sup>T<sub>E</sub>X intended mainly for programmers. Includes: for creating structured boxes, one inside another so the structure of data and functions can be easily shown; , a front-end filter of L<sup>A</sup>T<sub>E</sub>X-modified code, so you can write sections in a relative way; and , a L<sup>A</sup>T<sub>E</sub>X class that allows up to 14 levels of nesting, needed for doing documentation.  
URL: <https://ctan.org/pkg/texttoolspro>  
MIRROR: <https://mirror.ctan.org/support/texttoolspro>
- Ali, Muhammad Masroor. *The arosgn package. Support for the Bengali language*. 2020-06-07. Version 2.1. LICENSE: nosell  
URL: <https://ctan.org/pkg/arosgn>  
MIRROR: <https://mirror.ctan.org/language/bengali/arosgn>
- Allais, Raphaël. *The fast-diagram package. Easy generation of FAST diagrams*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package provides simple means of producing FAST diagrams, using . FAST diagrams are useful for functional analysis techniques in design methods.  
URL: <https://ctan.org/pkg/fast-diagram>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/fast-diagram>
- Allen, Matthew and David Griffith. *The newspaper package. Typeset newsletters to resemble newspapers*. 2018-12-30. Version 1.0. LICENSE: lppl. The newspaper package redefines the page style and command to produce a typeset page similar to that of a newspaper. It also provides several commands that (when used with other packages) simplify the writing of articles in a newspaper-style column format.  
URL: <https://ctan.org/pkg/newspaper>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newspaper>
- Allgeyer, Robert. *The novel package. Class for printing fiction, such as novels*. 2018-04-28. Version 1.52. LICENSE: lppl1.3c,ofl  
URL: <https://ctan.org/pkg/novel>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/novel>
- Allred, Sean. *The termmenu package. The package provides support for terminal-based menus using expl3*. 2017-11-12. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/termmenu>  
MIRROR: <https://mirror.ctan.org/macros/generic/termmenu>
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URL: <https://ctan.org/pkg/kfupm-math-exam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kfupm-math-exam>
- Aluthge, Dilum and Marco Daniel. *The biblatex-nejm package. BibL<sup>A</sup>T<sub>E</sub>X style for the New England Journal of Medicine (NEJM)*. 2019-01-22. Version 0.5.0. LICENSE: lppl1.3. This is a numeric style based on the design of the New England Journal of Medicine (NEJM).  
URL: <https://ctan.org/pkg/biblatex-nejm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-nejm>
- Alziyadi, Mohammed Obaid. *The arabic-book package. An Arabic book class*. 2021-06-16. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/arabic-book>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/arabic-book>
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URL: <https://ctan.org/pkg/dprogress>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dprogress>
- American Astronomical Society. *The aastex package. Macros for Manuscript Preparation for AAS Journals*. 2021-03-01. Version 6.3.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/aastex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aastex>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/persian-bib>

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 MIRROR: <https://mirror.ctan.org/web/clip>
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 URL: <https://ctan.org/pkg/zztex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/zztex>
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 URL: <https://ctan.org/pkg/uothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uothesis>
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 URL: <https://ctan.org/pkg/lingtrees>  
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 URL: <https://ctan.org/pkg/frletter>  
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 URL: <https://ctan.org/pkg/textsurgery>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textsurgery>
- Ankargren, Sebastian. *The statmath package. A L<sup>A</sup>T<sub>E</sub>X package for simple use of statistical notation*. 2018-04-29. Version 0.1. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/turkmen>  
 MIRROR: <https://mirror.ctan.org/language/turkmen>
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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>
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- 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>

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URL: <https://ctan.org/pkg/arraymaker>  
MIRROR: <https://mirror.ctan.org/support/arraymaker>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>
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- 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.  
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URL: <https://ctan.org/pkg/longfigure>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
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URL: <https://ctan.org/pkg/statrep>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
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URL: <https://ctan.org/pkg/gloss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
- 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>

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

- Arseneau, Donald. *The oubraces package. Braces over and under a formula*. 2016-06-24. LICENSE: other-free. Provides a means to interleave and in the same formula.  
 URL: <https://ctan.org/pkg/oubraces>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oubraces>
- *The overcite package. Compressed lists of superscript numerical citations*. 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
 URL: <https://ctan.org/pkg/overcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The placeins package. Control float placement*. 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
 URL: <https://ctan.org/pkg/placeins>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>
  - *The placeins-plain package. Insertions that keep their place*. 2016-06-24. Version 2.0. LICENSE: pd. This  $\TeX$  file provides various mechanisms (for plain  $\TeX$  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  $\TeX$* . 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>



- Arseneau, Donald. *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>
  - *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: lppl  
 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: lppl  
 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: lppl  
 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 BibTeX. It requires the use of the and packages and L<sup>A</sup>T<sub>E</sub>X2e.

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

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

— *The saferef package. Safer references through strong typing of references.* 2016-06-24. Version 1.0. LICENSE: other-free

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

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

Association GUTenberg. *The letgut package. Class for the newsletter “La Lettre GUTenberg” of the French T<sub>E</sub>X User Group GUTenberg.* 2022-10-03. Version 0.9.4. LICENSE: lppl1.3c

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

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

Atkinson, Kevin. *The aspell package. Spell checker.* 2019-10-31. Version 0.60.8. LICENSE: gpl2

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

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

— *The ispell package. Multi-platform spell checker.* 2020-09-09. Version 3.3.02. LICENSE: other-free

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

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

Atkinson, Matthew Tylee and Iain Phillips. *The gcite package. Citations in a reader-friendly style.* 2016-06-24. Version 1.0.1. LICENSE: lppl1.3

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

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

Atria, Matias. *The mdvi package. A DVI previewer.* 2017-04-18. LICENSE: gpl

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

MIRROR: <https://mirror.ctan.org/dviware/mdvi>

Aubord, Alain. *The codepage package. Support for variant code pages.* 2016-06-24. LICENSE: other-free. The package provides a mechanism for inputting non-ASCII text. Nowadays, the job is mostly done by the package in the L<sup>A</sup>T<sub>E</sub>X distribution.

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

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

— *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>T<sub>E</sub>X-generated bibliography to bibitems.* 2022-01-18. Version 0.2.2. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/biblatex2bibitem>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex2bibitem>

— *The shortmathj package. Automatically shortify titles of mathematical journals.* 2020-04-11. Version 0.5.0. LICENSE: lppl1.3c. This small dummy package just contains a simple list of full and short journal names aswritten in AMS standard:

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

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

- Aycock, Ryan. *The scientificpaper package. Format a scientific paper for journal publication.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/scientificpaper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scientificpaper>
- Aycock, Ryan and Steven Wheelwright. *The mla-paper package. Proper MLA formatting.* 2019-05-04. LICENSE: lppl. The package formats articles using the style (“MLA” = “Modern Language Association”). The aim is that students and other academics in the humanities should be able to typeset their materials, properly, with minimal effort on their part.  
 URL: <https://ctan.org/pkg/mla-paper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mla-paper>
- Babushkin, Andrey. *The guitartabs package. A class for drawing guitar tablatures easily.* 2018-06-30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/guitartabs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/guitartabs>
- Bachmaier, Gerhard A. *The ebezier package. Device independent picture environment enhancement.* 2016-06-24. Version 4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ebezier>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ebezier>
- *The oesch package. Font to provide the Österreichische Schulschrift.* 2017-05-30. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/oesch>  
 MIRROR: <https://mirror.ctan.org/fonts/oesch>
- Bačić, Deni. *The glossaries-slovene package. Slovene language module for glossaries package.* 2019-05-26. Version 1.0. LICENSE: lppl1.3.  
 URL: <https://ctan.org/pkg/glossaries-slovene>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-slovene>
- Baecker, Philipp N. *The ebsthesis package. Typesetting theses for economics.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ebsthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ebsthesis>
- Baghban, Mojtaba. *The autofancyhdr package. Automatically compute headlength for fancyhdr package.* 2020-04-11. Version 0.1. LICENSE: lppl1.3c. The package automatically computes headlength for the package  
 URL: <https://ctan.org/pkg/autofancyhdr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/autofancyhdr>
- Bahnes, Tim. *The texsketch package. A drawing package for OS/2.* 2016-06-24. Version 1.03. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/texsketch>  
 MIRROR: <https://mirror.ctan.org/graphics/texsketch>
- Baker, Adam. *The ot-tableau package. Optimality Theory tableaux in L<sup>A</sup>T<sub>E</sub>X.* 2021-05-23. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ot-tableau>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ot-tableau>
- Baker, Edward. *The texfilt package. A (La)TeX log filter.* 2016-06-24. LICENSE: noinfo. Works under DOS, OS/2 and Linux. Code written in , so documented source available.  
 URL: <https://ctan.org/pkg/texfilt>  
 MIRROR: <https://mirror.ctan.org/support/texfilt>
- Baker, Joe. *The draft package. A L<sup>A</sup>T<sub>E</sub>X 2.09 style for supporting work on drafts.* 2016-06-24. LICENSE: noinfo. The package marks , , , and commands with a small mark in the text and with a marginal note of the label, citation or whatever itself.  
 URL: <https://ctan.org/pkg/draft>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/draft.sty>
- Baker, Peter S. *The junicode package. A TrueType font for mediaevalists.* 2021-12-10. Version 1.0.2. LICENSE: ofl  
 URL: <https://ctan.org/pkg/junicode>  
 MIRROR: <https://mirror.ctan.org/fonts/junicode>
- Balak, Norbert. *The ecobiblatex package. Global Ecology and Biogeography BibL<sup>A</sup>T<sub>E</sub>X styles for the Biber backend.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. This bundle provides a set of styles for creating bibliographies using in the style of the Global Ecology and Biogeography journal. It comprises styles based on the conventions of John Wiley & Sons Ltd and Global Ecology and Biogeography Conventions ©.  
 URL: <https://ctan.org/pkg/ecobiblatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/ecobiblatex>
- Baldin, Evgeny. *The computer-typesetting-using-latex package. Content of the book Computer Typesetting Using L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/computer-typesetting-using-latex>  
 MIRROR: [https://mirror.ctan.org/info/russian/Computer\\_Typesetting\\_Using\\_LaTeX](https://mirror.ctan.org/info/russian/Computer_Typesetting_Using_LaTeX)

- Balemi, Silvano. *The abstr-collect package. Print a collection of abstracts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/abstr-collect>  
 MIRROR: [https://mirror.ctan.org/macros/latex209/contrib/abstr\\_collect](https://mirror.ctan.org/macros/latex209/contrib/abstr_collect)
- *The automatica package. A harvard-family BibTeX style*. 2016-06-24. LICENSE: other-free. A modified version of from the bundle, which is itself derived from the standard .  
 URL: <https://ctan.org/pkg/automatica>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/automatica.bst>
  - *The Birkhaeuser package. Style for Birkhaeuser books, conference proceedings, etc.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/birkhaeuser>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/birkhaeuser>
  - *The card package. Print visiting cards*. 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/card>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/card.sty>
  - *The ijc package. International Journal of Control style*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ijc>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ijc>
  - *The MEP article package. Class for Mechanical Engineering Publications*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/meparticle>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/meparticle.sty>
- Balemi, Silvano and Werner Truöl. *The systcontrolletters package. Support for Systems and Control Letters*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/systcontrolletters>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/systcontrolletters>
- Ball, Alex. *The bath-bst package. Harvard referencing style as recommended by the University of Bath Library*. 2022-05-25. Version 6.0. LICENSE: lpl1.3c. This package provides a BibTeX style to format reference lists in the recommended by the University of Bath Library. It should be used in conjunction with for citations.  
 URL: <https://ctan.org/pkg/bath-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bath-bst>
- *The beamerswitch package. Convenient mode selection in Beamer documents*. 2022-08-23. Version 1.9. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/beamerswitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/beamerswitch>
  - *The biblatex-bath package. Harvard referencing style as recommended by the University of Bath Library*. 2022-05-25. Version 6.0. LICENSE: lpl1.3c. This package provides a BibLaTeX style to format reference lists in the recommended by the University of Bath Library.  
 URL: <https://ctan.org/pkg/biblatex-bath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bath>
  - *The biblatex-oxref package. BibLaTeX styles inspired by the Oxford Guide to Style*. 2021-01-19. Version 2.2. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/biblatex-oxref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-oxref>
  - *The dccpaper package. Typeset papers for the International Journal of Digital Curation*. 2022-01-27. Version 2.3. LICENSE: lpl1.3c,cc-by-4  
 URL: <https://ctan.org/pkg/dccpaper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dccpaper>
- Ballen, Gustavo A. *The zootaxa-bst package. A BibTeX style for the journal Zootaxa*. 2019-05-01. Version 1.0. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/zootaxa-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/zootaxa-bst>
- Bane, Max. *The cascadilla package. Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project*. 2016-06-24. Version 1.8.2. LICENSE: lpl1. The class provides an extension of the standard L<sup>A</sup>T<sub>E</sub>X class that may be used to typeset papers conforming to the stylesheet of the , which is used by a number of linguistics conference proceedings (e.g., WCCFL).  
 URL: <https://ctan.org/pkg/cascadilla>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cascadilla>
- Banerjee, Rudra. *The mkbib package. BibTeX file creator*. 2016-06-24. Version 2.1. LICENSE: gpl3. Mkbib is a generator of BibTeX files; it is interactive, using ; the user may search from within mkbib.  
 URL: <https://ctan.org/pkg/mkbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/mkbib>



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URL: <https://ctan.org/pkg/ebong>  
MIRROR: <https://mirror.ctan.org/language/ebong>
- Banhardt, Steffen. *The gender package. Gender neutrality for languages with grammatical gender*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gender>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gender>
- Bao, Hongchang. *The BHCexam package. An exam class for mathematics teachers in China*. 2022-08-10. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bhcxam>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bhcxam>
- Bar, Haim and HaiYing Wang. *The runcode package. Execute foreign source code and embed the result in the pdf file*. 2022-08-21. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/runcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/runcode>
- Barabucci, Gioele. *The fixmetodonotes package. Add notes on document development*. 2016-06-24. Version 0.2.2. LICENSE: pd  
URL: <https://ctan.org/pkg/fixmetodonotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmetodonotes>
- Baragar, Henry and Gail E. Harris. *The tesla package. A special-purpose language for knowledge base rules*. 2021-08-26. LICENSE: noinfo  
URL: <https://ctan.org/pkg/tesla>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tesla>
- Bares, Christophe. *The competences package. Track skills of classroom checks*. 2018-05-05. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/competences>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/competences>
- Barik, Titus and Michael Shell. *The IEEEannot package. A sorting version of IEEEtran.bst*. 2017-04-18. Version 1.11. LICENSE: artistic  
URL: <https://ctan.org/pkg/ieeeannot>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/IEEEannot.bst>
- Baron, Henrique. *The ucsmonograph package. Typesetting academic documents from the University of Caxias do Sul*. 2019-11-08. Version 1.3.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ucsmonograph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucsmonograph>
- Barr, Michael. *The calendar-Barr package. A calendar document*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/calendar-barr>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/calendar\\_barr](https://mirror.ctan.org/macros/latex/contrib/calendar_barr)
- *The chomsky package. Macros to typeset parsing trees*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/chomsky>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/chomsky.sty>
  - *The diagxy package. Diagram macros by Michael Barr*. 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/diagxy>  
MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/diagxy>
- Barrera, Sergio C. de la. *The physics package. Macros supporting the Mathematics of Physics*. 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/physics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physics>
- Barros, Gustavo. *The postnotes package. Endnotes for L<sup>A</sup>T<sub>E</sub>X*. 2022-08-02. Version 0.1.6. LICENSE: lppl1.3c. This is an endnotes package for L<sup>A</sup>T<sub>E</sub>X. Its user interface provides means to print multiple sections of notes along the document, and to subdivide them either automatically — by chapter, by section — or at manually specified places, thus being able to easily handle both numbered and unnumbered headings. The package also provides infrastructure for setting up contextual running headers for printed notes. The default is a simple but useful one, in the form “Notes to pages N-M”, but more elaborate ones can be built. When is loaded, provides hyperlinked notes, including back links.  
URL: <https://ctan.org/pkg/postnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
- *The zref-check package. Flexible cross-references with contextual checks based on zref*. 2022-07-07. Version 0.3.2. LICENSE: lppl1.3c. This package provides an user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references flexibly, while allowing to have them checked for consistency with the document structure as typeset. Statements such as “above”, “on the next page”, “previously”, “as will be



discussed”, “on the previous chapter” and so on can be given to in free-form, and a set of “checks” can be specified to be run against a given “label”, which will result in a warning at compilation time if any of these checks fail. and the environment are also defined as a means to easily set label targets to arbitrary places in the text which can be referred to by .

URL: <https://ctan.org/pkg/zref-check>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-check>

Barros, Gustavo. *The zref-clever package. Clever L<sup>A</sup>T<sub>E</sub>X cross-references based on zref*. 2022-05-28. Version 0.3.1. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.

URL: <https://ctan.org/pkg/zref-clever>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>

— *The zref-vario package. Extended L<sup>A</sup>T<sub>E</sub>X page cross-references with varioref and zref-clever*. 2022-07-08. Version 0.1.5. LICENSE: lppl1.3c. This package offers a compatibility layer for to be used alongside . It provides counterparts to ’s main reference commands, each of which essentially does some (scoped) setup for , then calls the original one.

URL: <https://ctan.org/pkg/zref-vario>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-vario>

Bartel, Elmar and Norbert Preining. *The bartel-chess-fonts package. A set of fonts supporting chess diagrams*. 2016-06-24. LICENSE: gpl

URL: <https://ctan.org/pkg/bartel-chess-fonts>

MIRROR: <https://mirror.ctan.org/fonts/bartel-chess-fonts>

Barth, Andreas. *The pbm2tex package. Translate PBM format to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: other-free

URL: <https://ctan.org/pkg/pbm2tex>

MIRROR: <https://mirror.ctan.org/support/pbm2tex>

Barthelmann, Klaus Georg. *The circle package. Maths mode circles for temporal logic*. 2016-06-24. LICENSE: noinfo. Provides circles in math mode that can be used for the nextstep operator of temporal logic, in conjunction with and (latexsym) or and (amssymb). L<sup>A</sup>T<sub>E</sub>X circles and are not of the right size. The circles are taken from the font . The package contains some hacks to approximate the right size and this solution is definitely not sufficient to give a high quality output.

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

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

— *The sauterfonts package. Use Sauter’s fonts in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl

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

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

Bartholdi, Laurent. *The ltb2bib package. Converts amsrefs’ .ltb bibliographical databases to BibT<sub>E</sub>X format*. 2018-01-07. Version 0.01. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/ltb2bib>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/ltb2bib>

Bartolomey, Alexander. *The csassignments package. A wrapper for article with macros and customizations for computer science assignments*. 2022-07-28. Version 1.0.2. LICENSE: mit

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

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

Barton, Ariel. *The knitting package. Produce knitting charts, in Plain T<sub>E</sub>X or L<sup>A</sup>T<sub>E</sub>X*. 2019-04-06. Version 3.0. LICENSE: lppl1.3

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

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

— *The sansmathaccent package. Correct placement of accents in sans-serif maths*. 2020-02-01. LICENSE: lppl1.3

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

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

— *The sansmathfonts package. Extended Computer Modern sans serif fonts*. 2022-10-09. LICENSE: lppl1.3c

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

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

— *The tolkienfonts package. Use TTF ”Tolkien” fonts from the WWW with pdfT<sub>E</sub>X*. 2016-06-24. Version 2.0. LICENSE: lppl

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

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

Barton, Thomas H. *The TrueTypeToType42 package. Generate a Type 42 font from a TrueType font*. 2016-06-24. LICENSE: noinfo. The package provides a PostScript program, to run under , that will read a TrueType font and produce an Adobe Type 42 (PFA) font as output.

- URL: <https://ctan.org/pkg/truetype42>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/TrueTypeToType42>
- Barton-Davis, Paul. *The unixman package. Typeset to look like Unix man output.* 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/unixman>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/unixman>
- Barton-Davis, Paul and Niall Mansfield. *The add-wes package. A "book" style for Addison-Wesley house style.* 2020-08-29. Version 1.05. LICENSE: other-free  
 URL: <https://ctan.org/pkg/add-wes>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/add-wes.sty>
- Baruchel, Thomas. *The t1infos package. Utilities for PostScript fonts.* 2016-06-24. Version 1.0. LICENSE: bsd  
 URL: <https://ctan.org/pkg/t1infos>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/t1infos>
- Basso, Pierre and Stefan Ulrich. *The bibtopic package. Include multiple bibliographies in a document.* 2016-06-24. Version 1.1a. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibtopic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibtopic>
- Batada, Nizar. *The JBibTeXManager package. Managing citations in BibTeX format.* 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jbibtexmanager>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utls/jbibtexmanager>
- Batchelder, Ned and Bernie Cosell. *The bbfig package. Calculate and print bounding box.* 2016-06-24. LICENSE: noinfo. Bbfig wraps a set of PostScript routines around a PostScript file; when the resulting file is printed, the bounding box appears on the page, and the requisite directive is also printed.  
 URL: <https://ctan.org/pkg/bbfig>  
 MIRROR: <https://mirror.ctan.org/support/bbfig>
- Batista, Facundo. *The jupynotex package. Include whole or partial Jupyter notebooks in L<sup>A</sup>T<sub>E</sub>X documents.* 2020-10-28. Version 0.1. LICENSE: apache2  
 URL: <https://ctan.org/pkg/jupynotex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jupynotex>
- Batumongke, Dorjgotov. *The lshort-mongol package. Short introduction to L<sup>A</sup>T<sub>E</sub>X, in Mongolian.* 2016-06-24. Version 4.26. LICENSE: lppl. A translation of Oetiker's .  
 URL: <https://ctan.org/pkg/lshort-mongol>  
 MIRROR: <https://mirror.ctan.org/info/lshort/mongolian/lshort-mongol>
- *The mnhyphn package. Hyphenation patterns for Mongolian.* 2018-01-06. Version 1.1. LICENSE: lppl. Serves Mongolian written using Cyrillic letters, using T2A-encoded output. (Note that the bundle provides hyphenation patterns for its own encoding setup.)  
 URL: <https://ctan.org/pkg/mnhyphn>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/mnhyphn.tex>
- *The mongolian-babel package. A language definition file for Mongolian in Babel.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mongolian-babel>  
 MIRROR: <https://mirror.ctan.org/language/mongolian/babel>
- Baudoin, Marc. *The apprends-latex package. Apprends L<sup>A</sup>T<sub>E</sub>X!* 2017-04-18. Version 4.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/apprends-latex>  
 MIRROR: <https://mirror.ctan.org/info/apprends-latex>
- Bauer, Tilman. *The lwasseq package. Drawing spectral sequences in LuaL<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: lppl. The package is an update of the author's package, for use with LuaL<sup>A</sup>T<sub>E</sub>X. This version uses less memory, and operates faster than the original; it also offers several enhancements.  
 URL: <https://ctan.org/pkg/lwasseq>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lwasseq>
- *The sseq package. Typesetting spectral sequence charts.* 2016-06-24. Version 2.01. LICENSE: lppl. The package provides commands to draw spectral sequence diagrams, providing facilities for clipping and arranging multiple symbols so that they do not overlap. The package is built using `pgf`, 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>
- Baumann, Helge. *The dinat package. Bibliography style for German texts.* 2016-06-24. Version 2.5. LICENSE: pd  
URL: <https://ctan.org/pkg/dinat>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/dinat>
- Baumann, Timo. *The BibArts package. "Arts"-style bibliographical information.* 2022-10-02. Version 2.5. LICENSE: gpl  
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  $\TeX$ 's own stack. As an example of how the stacks might be used, the documentation offers a small "reinput" 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>
- *The globalvals package. Declare global variables.* 2019-02-06. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/globalvals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/globalvals>
- Bazon, Vlad. *The rojud package. A font with the images of the counties of Romania.* 2020-11-25. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/rojud>  
MIRROR: <https://mirror.ctan.org/fonts/rojud>
- Beach, John E. *The colorweb package. Extend the color package colour space.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package makes the available to the standard package.  
URL: <https://ctan.org/pkg/colorweb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorweb>
- Bean, Jules. *The mathlig package. Define maths "ligatures".* 2020-04-11. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/mathlig>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/mathlig.tex>
- Beasley, David. *The make\_latex package. L<sup>A</sup>T<sub>E</sub>X Makefile.* 2016-06-24. LICENSE: noinfo  
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>

- Beccari, Claudio. *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>
  - *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”.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curve2e>
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- *The docshots package. TeX samples next to their PDF Snapshots*. 2022-10-26. Version 0.2.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/docshots>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docshots>
  - *The eolang package. Formulas and graphs for the EO programming language*. 2022-11-02. Version 0.3.0. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package helps you write  $\lambda$ -calculus formulas and graphs for the programming language.  
 URL: <https://ctan.org/pkg/eolang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eolang>
  - *The ffcodes package. Fixed-font code blocks formatted nicely*. 2022-10-30. Version 0.5.1. 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*. 2022-10-29. Version 0.14.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/huawei>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/huawei>
  - *The iexec package. Execute shell commands and input their output*. 2022-11-01. Version 0.11.4. LICENSE: mit. With the help of the command, you can execute a shell command and then input its output into your document. This package also lets you use any special symbols inside your command.  
 URL: <https://ctan.org/pkg/iexec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iexec>
  - *The kdpcover package. Covers for books published by Kindle Direct Publishing*. 2022-10-02. Version 0.4.0. 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)*. 2022-09-19. Version 0.1.5. 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>
  - *The yb-book package. Template for YB Branded Books*. 2022-10-02. Version 0.2.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/yb-book>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yb-book>
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 URL: <https://ctan.org/pkg/fontaxes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fontaxes>
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 URL: <https://ctan.org/pkg/codeanatomy>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/codeanatomy>
- Burchard, Paul. *The pb-diagram package. A commutative diagram package using LAMSTeX or Xy-pic fonts*. 2016-06-18. Version 5.0. LICENSE: other-free



- URL: <https://ctan.org/pkg/pb-diagram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pb-diagram>
- Burger, Wilhelm and Wolfgang Hochleitner. *The hagenberg-thesis package. A Collection of L<sup>A</sup>T<sub>E</sub>X classes, style files, and example documents for academic manuscripts*. 2020-10-29. LICENSE: cc-by-4  
URL: <https://ctan.org/pkg/hagenberg-thesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hagenberg-thesis>
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URL: <https://ctan.org/pkg/crosstex>  
MIRROR: <https://mirror.ctan.org/obsolete/biblio/crosstex>
- Burkhardt, Werner. *The arbeit package. Typeset classwork exercises*. 2016-06-24. Version 1.0. LICENSE: noinfo  
URL: <https://ctan.org/pkg/arbeit>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/arbeit>
- Burnol, Jean-François. *The bnumexpr package. Extends eTeX's \numexpr... \relax construct to big integers*. 2021-05-17. Version 1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bnumexpr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bnumexpr>
- *The centeredline package. A macro for centering lines*. 2022-10-10. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/centeredline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/centeredline>
  - *The colorframed package. Fix color problems with the package “framed”*. 2022-10-07. Version 0.9b. LICENSE: lppl1.3c. This package fixes problems with colour loss that occurs in the environments of the package.  
URL: <https://ctan.org/pkg/colorframed>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorframed>
  - *The etoc package. Completely customisable TOCs*. 2022-08-31. Version 1.09f. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/etoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etoc>
  - *The filecontentsdef package. filecontents + macro + verbatim*. 2019-09-29. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/filecontentsdef>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontentsdef>
  - *The footnotehyper package. hyperref aware footnote.sty*. 2021-08-30. Version 1.1e. LICENSE: lppl1.3c. The package by Mark Wooding dates back to 1997 and has not been made compatible. The aim of the present package is to do that.  
URL: <https://ctan.org/pkg/footnotehyper>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnotehyper>
  - *The libgreek package. Use Libertine or Biolinum Greek glyphs in mathematics*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package is for L<sup>A</sup>T<sub>E</sub>X users who wish to use the Libertine or Biolinum font for the Greek letters in math mode. It is not necessary to load the package itself, but of course the Linux-Libertine/Biolinum fonts and L<sup>A</sup>T<sub>E</sub>X support files must have been installed.  
URL: <https://ctan.org/pkg/libgreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/libgreek>
  - *The mathastext package. Use the text font in maths mode*. 2022-11-04. Version 1.3y. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mathastext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathastext>
  - *The polexpr package. A parser for polynomial expressions*. 2022-05-19. Version 0.8.7a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/polexpr>  
MIRROR: <https://mirror.ctan.org/macros/generic/polexpr>
  - *The poormanlog package. Logarithms and powers with (almost) 9 digits*. 2022-05-25. Version 0.07. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/poormanlog>  
MIRROR: <https://mirror.ctan.org/macros/generic/poormanlog>
  - *The pxgrees 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., ) allows using the alternate glyph (as in the fourier package). The pxgrees package does not constrain the text font that may be used in the document.  
URL: <https://ctan.org/pkg/pxgrees>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pxgrees>
  - *The tableof package. Tagging tables of contents*. 2021-07-05. Version 1.4c. LICENSE: lppl1.3. The package provides the commands to flag chapters or sections (or anything else destined to become a TOC line). The command specifies which tags are to be required and which ones are to be excluded by the next (or equivalent) command. In a document that uses a class where may



- only be used once, the command may be used to provide several tables.  
 URL: <https://ctan.org/pkg/tableof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tableof>
- Burnol, Jean-François. *The texdimens package. Conversion of T<sub>E</sub>X dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to T<sub>E</sub>X dimensional units, usable both with Plain () and with L<sup>A</sup>T<sub>E</sub>X ().  
 URL: <https://ctan.org/pkg/texdimens>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texdimens>
- *The txgreek package. Shape selection for TX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X 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., ) 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 PicTeX to run with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/m-pictex>
- Burt, John. *The brandeis-thesis package. A class for Brandeis University M.A. theses*. 2021-07-01. Version 3.2. LICENSE: lppl1.3c. provides the structures and formatting information for an M.A. thesis for the Brandeis University Graduate School of Arts and Sciences.  
 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 , , and packages.  
 URL: <https://ctan.org/pkg/endheads>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endheads>
  - *The poemscol package. Typesetting Critical Editions of Poetry*. 2020-08-09. Version 3.1415926. LICENSE: lppl1.3c. The package offers L<sup>A</sup>T<sub>E</sub>X macros for typesetting critical editions of poetry. Its features include automatic linenumbers, generation of separate endnotes sections for emendations, textual collations, and explanatory notes, special marking for cases in which page breaks occur during stanza breaks, running headers of the form 'Notes to pp. –' for the notes sections, index of titles and first lines, and automatic generation of a table of contents.  
 URL: <https://ctan.org/pkg/poemscol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poemscol>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-dissertation>
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 URL: <https://ctan.org/pkg/pst-barcode>  
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 URL: <https://ctan.org/pkg/lshort-slovak>  
 MIRROR: <https://mirror.ctan.org/info/lshort/slovak>
- Busch, Wolf-Dieter. *The dinbrief-gui package. GUI for L<sup>A</sup>T<sub>E</sub>X package dinbrief*. 2016-06-24. LICENSE: lppl. Graphical user interface for the L<sup>A</sup>T<sub>E</sub>X package . The GUI is available as a Windows executable, as a Tcl/Tk script, and as Tclkit. It's small, fast, and for just

- writing letters, it's better-featured than any word processor!
- URL: <https://ctan.org/pkg/dinbrief-gui>
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- Busdraghi, Fabiano. *The Layaureo package. A package to improve the A4 page layout*. 2016-06-24. Version 0.2. LICENSE: lppl. This package produces a wide page layout for documents that use A4 paper size. Moreover, LayAureo provides both a simple hook for leaving an empty space which is required if pages are bundled by a press binding (use option `), and an option called big which it forces typearea to become maximum.`
- URL: <https://ctan.org/pkg/layaureo>
- MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layaureo>
- Buss, Sam. *The bussproofs package. Proof trees in the style of the sequent calculus*. 2019-04-04. Version 1.1. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/bussproofs>
- 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>X2e/Beamer. Additional material was taken from the .

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

MIRROR: <https://mirror.ctan.org/info/latex-course>
- Bzyl, Wlodek. *The i-ching package. An i-ching package*. 2016-06-24. LICENSE: gpl. A complete Plain T<sub>E</sub>X-based i-ching divination system, including an Adobe Type 1 font for the characters. Translations are derived from Alan Stanier's work in his package.
- URL: <https://ctan.org/pkg/i-ching>
- MIRROR: <https://mirror.ctan.org/fonts/psfonts/i-ching>
- *The tweb package. A web system for T<sub>E</sub>X macro sources*. 2016-06-24. LICENSE: noinfo. Tweb uses to provide a better means of printing T<sub>E</sub>X macro sources.

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

MIRROR: <https://mirror.ctan.org/web/tweb>
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- URL: <https://ctan.org/pkg/utf8mex>
- MIRROR: <https://mirror.ctan.org/language/polish/utf8mex>
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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/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: lppl1.3
- 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: lppl1.3c

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

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

- Callegari, Sergio. *The flippdf package. Horizontal flipping of pages with pdfLaTeX*. 2020-10-27. Version 2.0b. LICENSE: lppl1.3c  
 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: lppl  
 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: lppl. 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>
- *The cursolatex package. A L<sup>A</sup>T<sub>E</sub>X tutorial*. 2016-06-24. LICENSE: gpl  
 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  
 URL: <https://ctan.org/pkg/xypic-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>
- Camps, Jean-Baptiste. *The biblatex-enc package. BibL<sup>A</sup>T<sub>E</sub>X style for the École nationale des chartes (Paris)*. 2017-06-19. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-enc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
- Cannayen, Igathinathane. *The ndsu-thesis-2022 package. North Dakota State University disquisition class 2022*. 2022-07-15. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ndsu-thesis-2022>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ndsu-thesis-2022>
- Cantor, David G. and Dominik Wujastyk. *The drop package. Dropped capitals at the start of a paragraph (L<sup>A</sup>T<sub>E</sub>X 2.09)*. 2016-06-24. LICENSE: noinfo  
 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: lppl1.3c  
 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*. 2022-09-29. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hline package. Better horizontal lines in tabulars and arrays*. 2021-06-01. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The ltxtable package. Longtable and tabularx merge*. 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>
  - *The makerobust209 package. Make an existing L<sup>A</sup>T<sub>E</sub>X command robust*. 2016-06-24. Version 1.01. LICENSE: noinfo. The package provides a command that converts the definition of a command to a robust one.  
 URL: <https://ctan.org/pkg/makerobust209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>
  - *The mylatex package. Make a format containing a document's preamble*. 2020-10-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mylatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mylatex>
  - *The nopageno package. No page numbers in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X's standard styles use two page styles, one on normal pages and one on 'opening' pages with or , etc. Unfortunately there is only easy access to changing one of these two so if you want something other than 'plain' on the opening pages you must use on each such page. The package does provide a more flexible interface, but if you just want an empty page style on all pages then this package will do the job.  
 URL: <https://ctan.org/pkg/nopageno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nopageno>

- Carlisle, David. *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 scalefnt package. Rescale fonts to arbitrary sizes*. 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scalefnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefnt.sty>
  - *The showkeys package. Show label, ref, cite and bib keys*. 2022-06-08. Version 3.18. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/showkeys>  
 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 LuaTeX 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) XeTeX \Ucharcat command in lua, for LuaTeX*. 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the \Ucharcat command for LuaLaTeX. is a new primitive in XeTeX, an extension of the existing command, that allows the specification of the catcode as well as character code of the character token being constructed.  
 URL: <https://ctan.org/pkg/ucharcat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>
  - *The xii package. Christmas silliness (English)*. 2017-11-14. LICENSE: lppl  
 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: lppl  
 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: lppl  
 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: lppl. 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-T<sub>E</sub>X support package*. 2017-04-18. Version 2.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/etex-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etex-pkg>
- Carlisle, David, Jean-Pierre Druchbert, 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: lppl1.3c  
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: lppl1.2. 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: lppl1.3c  
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: lppl1.3c  
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: lppl1.3c  
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*. 2022-09-22. Version 7.00t. LICENSE: lppl  
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 pdfT<sub>E</sub>X*. 2022-09-23. Version 1.2b. LICENSE: lppl1.3c  
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: lppl  
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: lppl1.3c  
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: lppl1.3c  
URL: <https://ctan.org/pkg/color>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The dcolumn package. Align on the decimal point of numbers in tabular columns*. 2021-06-01. Version 1.06. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dcolumn>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The delarray package. Delimiters for arrays*. 2021-01-03. Version 1.01. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/delarray>  
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>

- Carlisle, David and The L<sup>A</sup>T<sub>E</sub>X Project Team. *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*. 2022-06-16. Version 2.1g. 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  
 URL: <https://ctan.org/pkg/icons>  
 MIRROR: <https://mirror.ctan.org/support/icons>
- Casares, Ramón. *The METATeX package. Incorporate Metafont pictures in T<sub>E</sub>X source*. 2018-01-06. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/metatex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/metatex>
- Cashner, Andrew A. *The musicography package. Accessing symbols for music writing with pdfLaTeX*. 2020-01-29. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/musicography>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musicography>
- *The octave package. Typeset musical pitches with octave designations*. 2017-10-31. LICENSE: lppl1.3. This package package typesets musical pitch names with designation for the octave in either the Helmholtz system (with octave numbers), or the traditional system (with prime symbols). Authors can just write and the pitches will be rendered correctly depending on which package option was selected. The system can also be changed mid-document.  
 URL: <https://ctan.org/pkg/octave>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/octave>
  - *The semantic-markup package. Meaningful semantic markup in the spirit of the Text Encoding Initiative*. 2020-01-29. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/semantic-markup>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantic-markup>
- Casteleyn, Jean Pierre. *The VisualPSTricks package. Visual help for PSTricks based on images with minimum text*. 2016-10-27. Version 2.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/visualpstricks>  
 MIRROR: <https://mirror.ctan.org/info/visualpstricks>
- Casteleyn, Jean Pierre. *The VisualTikZ package. Visual help for TikZ based on images with minimum text*. 2019-05-31. Version 0.65. LICENSE: lppl1.3

- URL: <https://ctan.org/pkg/visualtikz>  
MIRROR: <https://mirror.ctan.org/info/visualtikz>
- Castro, Federico Garcia-De. *The colordoc package. Coloured syntax highlights in documentation.* 2016-06-24. LICENSE: lpl1  
URL: <https://ctan.org/pkg/colordoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colordoc>
- *The opcit package. Footnote-style bibliographical references.* 2016-06-24. Version 1.1. LICENSE: lpl1  
URL: <https://ctan.org/pkg/opcit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opcit>
  - *The TeXmate package. Comprehensive chess annotation in L<sup>A</sup>T<sub>E</sub>X.* 2018-01-06. Version 2. LICENSE: lpl1  
URL: <https://ctan.org/pkg/texmate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texmate>
  - *The TeXmuse package. Music typesetting system using T<sub>E</sub>X and Metafont.* 2016-06-24. LICENSE: lpl1  
URL: <https://ctan.org/pkg/texmuse>  
MIRROR: <https://mirror.ctan.org/macros/texmuse>
  - *The todo package. Make a to-do list for a document.* 2016-06-24. Version 2.142. LICENSE: lpl1  
URL: <https://ctan.org/pkg/todo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/todo>
- Castro, Federico Garcia-De and John Fudrow. *The pittetd package. Electronic Theses and Dissertations at Pitt.* 2019-07-10. Version 1.618. LICENSE: lpl1. A document class for theses and dissertations. Provides patch files that enable pittetd to use files prepared for use with the pittdiss or classes. The manual provides a detailed guide for users who wish to use the class to prepare their thesis or dissertation.  
URL: <https://ctan.org/pkg/pittetd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pittetd>
- Cate, Thomas ten. *The titlepic package. Add picture to title page of a document.* 2017-03-14. Version 1.2. LICENSE: pd  
URL: <https://ctan.org/pkg/titlepic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlepic>
- Cawood, Justin. *The practicalreports package. Some macros for writing practical reports.* 2019-10-07. Version 2.0.3. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/practicalreports>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/practicalreports>
- *The simpleoptics package. Drawing lenses and mirrors for optical diagrams.* 2022-04-06. Version 1.1.1. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/simpleoptics>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/simpleoptics>
- Cepl, Matej. *The Manuscript package. Emulate look of a document typed on a typewriter.* 2017-04-18. Version 1.7. LICENSE: lpl1  
URL: <https://ctan.org/pkg/manuscript>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/manuscript>
- Cereda, Paulo Roberto Massa. *The arara package. Automation of L<sup>A</sup>T<sub>E</sub>X compilation.* 2022-06-28. Version 7.0.4. LICENSE: bsd  
URL: <https://ctan.org/pkg/arara>  
MIRROR: <https://mirror.ctan.org/support/arara>
- *The sillypage package. John Cleese’s Silly Walk as page numbering style.* 2022-08-02. Version 1.5. LICENSE: cc-by-sa-4,lpl1.3c  
URL: <https://ctan.org/pkg/sillypage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sillypage>
  - *The texplate package. A tool for creating document structures based on templates.* 2021-07-28. Version 1.0.4. LICENSE: bsd3. TeXplate is a tool for creating document structures based on templates. The application name is a word play on and , so the purpose seems quite obvious: we want to provide an easy and straightforward framework for reducing the typical code boilerplate when writing T<sub>E</sub>X documents. Also note that one can easily extrapolate the use beyond articles and theses: the application is powerful enough to generate text-based structure, given that a corresponding template exists.  
URL: <https://ctan.org/pkg/texplate>  
MIRROR: <https://mirror.ctan.org/support/texplate>
- Cereda, Paulo Roberto Massa, Island of T<sub>E</sub>X, and Enrico Gregorio. *The checkcites package. Check citation commands in a document.* 2022-08-20. Version 2.6. LICENSE: lpl1.3. The package provides a script written for the sole purpose of detecting undefined and unused references from L<sup>A</sup>T<sub>E</sub>X auxiliary or bibliography files.  
URL: <https://ctan.org/pkg/checkcites>  
MIRROR: <https://mirror.ctan.org/support/checkcites>
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 URL: <https://ctan.org/pkg/dtxgen>  
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 URL: <https://ctan.org/pkg/isodoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
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 URL: <https://ctan.org/pkg/ltxfileinfo>  
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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.  
 URL: <https://ctan.org/pkg/mk>  
 MIRROR: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)
  - *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.  
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- *The prv package. Compile, preview, and print L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 0.7. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prv>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/prv>
  - *The texlog-extract package. Extract errors and warnings from T<sub>E</sub>X logs.* 2019-02-05. Version 3.04. LICENSE: gpl  
 URL: <https://ctan.org/pkg/texlog-extract>  
 MIRROR: <https://mirror.ctan.org/support/texlog-extract>
  - *The vpp package. View and (selectively) Print PDF and PostScript.* 2018-04-04. Version 3.07. LICENSE: gpl. is a Bash script that displays a PDF or PostScript document (after conversion to PDF). The user can use the viewer to print the document or, alternatively, leave the viewer and use `ps` facilities to print selected pages to a one- or two-sided hardcopy or an A5-booklet: see the section /Page selection and other commands/ for the details. Instead of printing your selections, you can also save them into PDF files.  
 URL: <https://ctan.org/pkg/vpp>  
 MIRROR: [https://mirror.ctan.org/support/view\\_print\\_ps\\_pdf](https://mirror.ctan.org/support/view_print_ps_pdf)
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-2dplot>
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 URL: <https://ctan.org/pkg/pgf-soroban>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-soroban>
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 MIRROR: <https://mirror.ctan.org/dviware/ivd2dvi>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elegantnote>
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- Dörntge, Rainer. *The magic package. A font to go with the Magic(TM) game.* 2016-06-24. LICENSE: other-free. A small set of symbols appropriate to the game. The font is expressed in Metafont; unusually, the size-specific file is input by , rather than the other way around.  
 URL: <https://ctan.org/pkg/magic>  
 MIRROR: <https://mirror.ctan.org/fonts/magic>
- Doron, Eyal. *The bibdb package. BibTeX bibliography manager for MS-Windows and MS-DOS.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/bibdb>  
 MIRROR: <https://mirror.ctan.org/support/bibdb>
- Dossena, Riccardo. *The old-arrows package. Computer Modern old-style arrows with smaller arrowheads.* 2017-01-05. Version 2.0. LICENSE: lppl1.3. This package provides Computer Modern old-style arrows with smaller arrowheads, associated with the usual L<sup>A</sup>T<sub>E</sub>X commands. It can be used in documents that contain other arrow characters that also have small arrowheads. It is also possible to use the usual new-style Computer Modern arrows together with the old-style ones.  
 URL: <https://ctan.org/pkg/old-arrows>  
 MIRROR: <https://mirror.ctan.org/fonts/old-arrows>
- *The verifica package. Typeset (Italian high school) exercises.* 2020-10-10. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/verifica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verifica>
- Downes, Michael J. *The aro-bend package. Exercises in T<sub>E</sub>X, with answers.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aro-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/aro-bend>

- Downes, Michael J. *The cmdtrack package. Check used commands*. 2016-06-24. LICENSE: lppl. 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>
- *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>
- Duan, Charles. *The randtext package*. Randomise the order of characters in strings. 2016-06-24. LICENSE: lpl  
 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. 2019-08-09. Version 1.0. LICENSE: isc. The package provides a PGF/TikZ library that simplifies working with multiple matrix nodes. To do so, it correctly aligns groups of nodes with the content of the whole matrix. Furthermore, provides rows and columns for easy styling.  
 URL: <https://ctan.org/pkg/matrix-skeleton>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package*. Utilities for manipulating DVI files. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dvibook>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook>
- *The PBMtoPK package*. Conversion between PBM and PK formats. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pbmtopk>  
 MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
- *The PicTeXsum package*. A summary of PicTeX commands. 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from <http://www.picTeX.net>), the document is a useful aide-memoire for those who have read the manual.  
 URL: <https://ctan.org/pkg/pictexsum>  
 MIRROR: <https://mirror.ctan.org/info/pictex/summary>
- *The psmerge package*. Concatenate PostScript files. 2016-06-24. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psmerge>
- *The psutils package*. PostScript utilities. 2021-08-26. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psutils>
- *The vplutils package*. Manipulate (virtual) property lists. 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.  
 URL: <https://ctan.org/pkg/vplutils>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
- Dungs, Kevin. *The fontmfizz package*. Font Mfizz icons for use in L<sup>A</sup>T<sub>E</sub>X. 2017-04-18. LICENSE: mit  
 URL: <https://ctan.org/pkg/fontmfizz>  
 MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>

- Dunn, Brian. *The docsurvey package. A survey of L<sup>A</sup>T<sub>E</sub>X documentation*. 2021-12-30. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/docsurvey>  
 MIRROR: <https://mirror.ctan.org/info/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files*. 2022-09-12. Version 1.05. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dtxdescribe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>
  - *The keyfloat package. Provides a key/value interface for generating floats*. 2022-01-10. Version 2.07. LICENSE: 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  
 URL: <https://ctan.org/pkg/labelschanged>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>
  - *The lwarp package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML*. 2022-07-15. Version 0.908. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lwarp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>
  - *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection*. 2019-01-28. Version 1.00. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/metalogox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metalogox>
  - *The tocdata package. Adds names to chapters, sections, figures in the TOC and LOF*. 2020-07-16. Version 2.04. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tocdata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocdata>
- Dupuis, Étienne. *The igo package. Fonts and macro to typeset Go diagrams*. 2016-06-24. Version 0.62. LICENSE: lppl1.3. This package is based on the package written in 1991 by Hanna Kołodziejska which provides typesetting facilities for Go games and positions. Although igo contains roughly the same commands as the original package and uses the fonts created by Kołodziejska, it has been improved in a number of ways. It uses command names less likely to conflict with standard AMS packages. It allows different board sizes to be used. It understands a standardized notation for board coordinates. And it provides a facility to work on more than one board. Moreover, a few commands were reworked to define positions or game sequences more conveniently.  
 URL: <https://ctan.org/pkg/igo>  
 MIRROR: <https://mirror.ctan.org/fonts/igo>
- Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .  
 URL: <https://ctan.org/pkg/bondgraph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>
- Dussan, Pierre. *The alertmessage package. Alert messages for L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/alertmessage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>
- Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/papercdcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>
- *The swrule package. Lines thicker in the middle than at the ends*. 2020-04-11. LICENSE: other-free  
 URL: <https://ctan.org/pkg/swrule>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
- Eastin, Bryan, Steven Flammia, and Travis L. Scholten. *The qcircuit package. Macros to generate quantum circuits*. 2018-08-14. Version 2.6.0. LICENSE: gpl2. The package supports those within the quantum information community who typeset quantum circuits, using package, offering macros designed to help users generate circuits.  
 URL: <https://ctan.org/pkg/qcircuit>  
 MIRROR: <https://mirror.ctan.org/graphics/qcircuit>

- Ebermann, Paul. *The dateiliste package. Extensions of the \listfiles concept*. 2016-06-24. Version 0.6. LICENSE: lppl. The package provides a file list (similar to that offered by `\listfiles`), neatly laid out as a table. The main document can be included in the list, and a command is available for providing RCS-maintained data for printing in the file list.  
URL: <https://ctan.org/pkg/dateiliste>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>
- *The exp-testopt package. Expandable \@testopt (and related) macros*. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides an expandable variant of the  $\LaTeX$  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  $\LaTeX$* . 2016-06-24. Version 0.1b. LICENSE: lppl  
URL: <https://ctan.org/pkg/faktor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/faktor>
  - *The gmdoc-enhance package. Some enhancements to the gmdoc package*. 2016-06-24. Version 0.2. LICENSE: lppl. This package provides some enhancements for the package: nicer formatting for multiple line inline comments, an ability to “comment out” some code, and a macro to input other files in “normal”  $\LaTeX$  mode.  
URL: <https://ctan.org/pkg/gmdoc-enhance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>
  - *The minipage-marginpar package. Minipages with marginal notes*. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/minipage-marginpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
  - *The noitcrul package. Improved underlines in mathematics*. 2020-03-09. Version 0.2. LICENSE: lppl. The package provides a (maths mode) variant which doesn’t impose italics correction at the end.  
URL: <https://ctan.org/pkg/noitcrul>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noitcrul>
  - *The pauldoc package. German  $\LaTeX$  package documentation*. 2016-06-24. Version 0.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/pauldoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>
  - *The randbild package. Marginal pictures*. 2018-09-15. Version 0.2. LICENSE: lppl. Provides environments to draw small marginal plots (using the packages `randfig` and `randpic`), and (the same, only without the automatically drawn coordinate system).  
URL: <https://ctan.org/pkg/randbild>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randbild>
  - *The robustcommand package. Declare robust command, with \newcommand checks*. 2016-06-24. Version 0.1. LICENSE: lppl. The package merely provides a variation of `\newcommand`, which checks for the existence of a command before declaring it robust.  
URL: <https://ctan.org/pkg/robustcommand>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/robustcommand>
- Ebinger, Carl-Clemens. *The AlfaSlabOne package. The Alfa Slab One font face with support for  $\LaTeX$  and pdfLaTeX*. 2021-01-18. Version 0.0.1. LICENSE: ofl  
URL: <https://ctan.org/pkg/alfaslabone>  
MIRROR: <https://mirror.ctan.org/fonts/alfaslabone>
- *The Archivo package. The Archivo font face with support for  $\LaTeX$  and pdfLaTeX*. 2021-01-03. Version 0.0.2. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/archivo>  
MIRROR: <https://mirror.ctan.org/fonts/archivo>
  - *The Arvo package. The Arvo font face with support for  $\LaTeX$  and pdfLaTeX*. 2020-12-24. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/arvo>  
MIRROR: <https://mirror.ctan.org/fonts/arvo>
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URL: <https://ctan.org/pkg/cascadia-code>  
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 MIRROR: <https://mirror.ctan.org/obsolete/systems/unix/teTeX>
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 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>
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 URL: <https://ctan.org/pkg/bold-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
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 URL: <https://ctan.org/pkg/capt-of>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/capt-of>
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 URL: <https://ctan.org/pkg/captdef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/captdef>

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/checklab.tex>
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 URL: <https://ctan.org/pkg/fixfoot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixfoot>
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 URL: <https://ctan.org/pkg/oldstyle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oldstyle>
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 URL: <https://ctan.org/pkg/secdot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/secdot>
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 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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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nrc>
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URL: <https://ctan.org/pkg/phfextendedabstract>  
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URL: <https://ctan.org/pkg/phfnote>  
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URL: <https://ctan.org/pkg/phfparen>  
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 URL: <https://ctan.org/pkg/ptsans>  
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 MIRROR: <https://mirror.ctan.org/support/lxmial>
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 URL: <https://ctan.org/pkg/templates-fenn>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamer2thesis>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/srbook-mem>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/serbian-def-cyr>
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 URL: <https://ctan.org/pkg/gent1-gr>  
 MIRROR: <https://mirror.ctan.org/info/greek/gentle>
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URL: <https://ctan.org/pkg/combofont>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/combofont>
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URL: <https://ctan.org/pkg/enpassant>  
MIRROR: <https://mirror.ctan.org/fonts/chess/enpassant>
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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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URL: <https://ctan.org/pkg/returntogrid>  
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MIRROR: <https://mirror.ctan.org/fonts/concmath-otf>
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URL: <https://ctan.org/pkg/erewhon-math>  
MIRROR: <https://mirror.ctan.org/fonts/erewhon-math>
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 URL: <https://ctan.org/pkg/lua-typo>  
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 URL: <https://ctan.org/pkg/tabvar>  
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 URL: <https://ctan.org/pkg/xcharter-math>  
 MIRROR: <https://mirror.ctan.org/fonts/xcharter-math>
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 URL: <https://ctan.org/pkg/gt1>  
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 MIRROR: <https://mirror.ctan.org/info/fontsampler>
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 URL: <https://ctan.org/pkg/symbats3>  
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 URL: <https://ctan.org/pkg/wp2latex>  
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 URL: <https://ctan.org/pkg/mathtex>  
 MIRROR: <https://mirror.ctan.org/support/mathtex>
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 MIRROR: <https://mirror.ctan.org/support/mimetex>
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 MIRROR: <https://mirror.ctan.org/support/texlist>
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 URL: <https://ctan.org/pkg/texperf>  
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 URL: <https://ctan.org/pkg/altnline>  
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 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cnoweb](https://mirror.ctan.org/web/c_cpp/cnoweb)
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 URL: <https://ctan.org/pkg/firstline>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/firstline.tex>
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 URL: <https://ctan.org/pkg/uwthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uwthesis>
  - *The uwthesis209 package. L<sup>A</sup>T<sub>E</sub>X 2.09 style for University of Washington theses.* 2016-06-24. Version 1.5. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/uw-thesis>
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 URL: <https://ctan.org/pkg/fourproject>  
 MIRROR: <https://mirror.ctan.org/support/4project>
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Supports multiple codepages (can spell-check e.g. Russian), uses colors to display document and tag structures. Dictionaries are compatible with .

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

MIRROR: <https://mirror.ctan.org/support/4spell>

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

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

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

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

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Franklin, Charles. *The dectab package. Align columns on a decimal point.* 2016-06-24. LICENSE: noinfo. The package defines the command , which allows a construct such as in a tabular column; the column will then be centred on the decimal point in the number.

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

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

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

— *The soul package. Hyphenation for letterspacing, underlining, and more.* 2020-09-30. Version 2.4. LICENSE: lppl

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

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

Franz, Melchior and Reuben Thomas. *The crop package. Support for cropmarks.* 2020-06-13. Version 1.10.2. LICENSE: lppl

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

Franzen, Steven. *The chordbox package. Draw chord diagrams.* 2019-05-07. Version 1.0. LICENSE: lppl1.3

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

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

— *The mailmerge package. Repeating text field substitution.* 2016-06-24. Version 1.0. LICENSE: lppl1.2

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

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

— *The numberpt package. Counters spelled out in Portuguese.* 2019-07-21. Version 1.0. LICENSE: lppl1.3c

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

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 URL: <https://ctan.org/pkg/texinfo>  
 MIRROR: <https://mirror.ctan.org/macros/texinfo/texinfo>
- *The texinfo-latest package. Current releases of texinfo.tex and texi2dvi*. 2021-07-13. LICENSE: gpl. The bundle offers the latest official releases of the macro file, the scripts, and support file, as posted on . These files are often updated between full releases of the full package. See the the full package for documentation.  
 URL: <https://ctan.org/pkg/texinfo-latest>  
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 URL: <https://ctan.org/pkg/unamthesis>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhandout>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/hackthefootline>
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 URL: <https://ctan.org/pkg/lualatex-truncate>  
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- *The mensa-tex package. Typeset simple school cafeteria menus*. 2017-12-05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mensa-tex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mensa-tex>
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 URL: <https://ctan.org/pkg/pdfpc-movie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpc-movie>
- *The termcal-de package. German localization for termcal*. 2018-03-24. Version 2.0. LICENSE: lppl1.3c  
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 URL: <https://ctan.org/pkg/textualcomma>  
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 URL: <https://ctan.org/pkg/texi2dvi-latest>  
 MIRROR: <https://mirror.ctan.org/macros/texinfo/latest>
- Friedrich, Josef. *The cloze package. A Lua<sup>L</sup>TeX package for creating cloze texts.* 2020-06-30. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/cloze>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/cloze>
- *The luakeys package. A Lua module for parsing key-value options.* 2022-07-06. Version 0.7.0. LICENSE: lppl1.3c. This package provides a Lua module that can parse key-value options like the  $\TeX$  packages `,, ,`, etc. `,`, however, accomplishes this task entirely by using the Lua language and does not rely on  $\TeX$ . Therefore this package can only be used with the  $\TeX$  engine `.` Since luakeys uses `,`, the parsing mechanism should be pretty robust.  
 URL: <https://ctan.org/pkg/luakeys>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luakeys>
  - *The nodetree package. Visualize node lists in a tree view.* 2020-10-23. Version 2.2. LICENSE: lppl1.3. is a development package that visualizes the structure of node lists. shows its debug informations in the console output when you compile a LuaTeX file. It uses a similar visual representation for node lists as the UNIX command `for` a folder structure.  
 URL: <https://ctan.org/pkg/nodetree>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/nodetree>
- Friendly, Michael. *The tex2bib package. Extract a BibTeX database from a document source.* 2016-06-24. LICENSE: bsd. Tex2bib is a Perl script that extracts bibliographic data from a document whose author wrote out the entries. The entire document is scanned for entries, ending when `is` is encountered.  
 URL: <https://ctan.org/pkg/tex2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/tex2bib>
- *The texdepend package. Find dependencies in a L<sup>A</sup>TeX file.* 2020-05-05. Version 0.92. LICENSE: lppl. A Perl script for finding dependencies in a L<sup>A</sup>TeX file. The script reads a file, and (recursively) all and files referenced therein to build dependencies from the source files scanned, packages (as in `,`), and figures (loaded using `,`).  
 URL: <https://ctan.org/pkg/texdepend>  
 MIRROR: <https://mirror.ctan.org/support/texdepend>
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 URL: <https://ctan.org/pkg/texref>  
 MIRROR: <https://mirror.ctan.org/support/texref>
- Fries, Alexander. *The fribrief package. Two L<sup>A</sup>TeX classes for writing letters in German.* 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/fribrief>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fribrief>
- Frigeri, Alceu. *The democodetools package. Package for L<sup>A</sup>TeX code documentation.* 2022-09-08. Version 1.0.1beta. LICENSE: lppl1.3c,gpl  
 URL: <https://ctan.org/pkg/democodetools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/democodetools>
- *The ufrgscca package. A bundle for undergraduate students final work/report (tcc) at UFRGS/EE.* 2022-09-08. Version 1.0.1. LICENSE: lppl1.3c,gpl. This bundled is aimed at producing undergraduate students' final work/report at UFRGS/EE (Engineering School at the Federal University of Rio Grande do Sul), closely following ABNT rules (Brazilian Association for Technical Norms). It is composed of a main class, `,` and a set of auxiliary packages, some of which can be used independently.  
 URL: <https://ctan.org/pkg/ufrgscca>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ufrgscca>
- Fruchart, Michel. *The tikz-optics package. A library for drawing optical setups with TikZ.* 2022-04-06. Version 0.2.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikz-optics>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-optics>
- Fuchs, David R. *The lfonts-ams package. Use AMS fonts as standard L<sup>A</sup>TeX 2.09 fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/lfonts-ams>  
 MIRROR: [https://mirror.ctan.org/macros/latex209/contrib/lfonts\\_ams/lfonts\\_ams.tex](https://mirror.ctan.org/macros/latex209/contrib/lfonts_ams/lfonts_ams.tex)

- Fujita, Shinsaku. *The xymtex package. Typesetting chemical structures*. 2021-08-26. Version 5.06. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/pst-blur>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-blur>
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- addindex scans your L<sup>A</sup>T<sub>E</sub>X file for strings in the database, and adds commands for each match.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bashful>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cookybooky>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-marble>
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 URL: <https://ctan.org/pkg/piechart>  
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 URL: <https://ctan.org/pkg/pst-fr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fr3d>
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 URL: <https://ctan.org/pkg/pst-light3d>  
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
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 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>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>



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 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>
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 URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
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 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  
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- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases*. 2017-04-18. Version 0.6. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
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 MIRROR: <https://mirror.ctan.org/info/lshort/polish>
- Goldberg, Jacques. *The redis package. A Hebrew font*. 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong*. 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types and are recognised by the package, unmodified. Since several packages define other types of float, it is possible to register these float types with endfloat.  
 URL: <https://ctan.org/pkg/endfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endfloat>
- Goldgaber, Sergey. *The thumby package. Create thumb indexes for printed books*. 2016-06-24. Version 0.1. LICENSE: gpl3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumby>
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 URL: <https://ctan.org/pkg/ulsy>  
 MIRROR: <https://mirror.ctan.org/fonts/ulsy>
- Goldschmitt, Ulrich and Yvon Henel. *The ulsy-ps package. Extra mathematical characters in Adobe Type 1 format*. 2016-06-24. LICENSE: noinfo. These are autotraced versions of the fonts.  
 URL: <https://ctan.org/pkg/ulsy-ps>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ulsy>
- Gollwitzer, Christian. *The aurical package. Calligraphic fonts for use with L<sup>A</sup>T<sub>E</sub>X in T1 encoding*. 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aurical>  
 MIRROR: <https://mirror.ctan.org/fonts/aurical>
- *The shapepatch package. Transfig patch supporting shapepar*. 2016-06-24. Version 1.1. LICENSE: bsd. ShapePatch is a patch against , which adds the capability to export figures to shape definitions for . Shapepar itself will form a paragraph into a specified shape, and the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. ShapePatch effort: one simply draws the required shape with XFig and then convert it to a shape definition for shapepar, either by calling fig2dev manually or by choosing “Export/Shape” in XFig (if you install the additional XFig patch).  
 URL: <https://ctan.org/pkg/shapepatch>  
 MIRROR: <https://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>
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 URL: <https://ctan.org/pkg/pgf-periodictable>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-periodictable>
- *The pgf-spectra package. Draw continuous or discrete spectra using PGF/TikZ*. 2021-07-04. Version 2.1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-spectra>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-spectra>
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 URL: <https://ctan.org/pkg/featpost>  
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 URL: <https://ctan.org/pkg/interactiveanimation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced L<sup>A</sup>T<sub>E</sub>X mode for the Jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L<sup>A</sup>T<sub>E</sub>X mode in the fashion of AUC T<sub>E</sub>X: menus, shortcuts, templates, syntax highlighting, document outline, integrated debugging, symbol completion, full integration with external programs, and more. It was designed with both the beginner and the advanced L<sup>A</sup>T<sub>E</sub>X user in mind.

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MIRROR: <https://mirror.ctan.org/support/jed/latex4jed>
- Gonzato, Guido. *The LaTeX4Musicians package. A guide for combining LaTeX and music*. 2019-01-19. Version 1.0.1. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4musicians>  
MIRROR: <https://mirror.ctan.org/info/latex4musicians>
- *The latex4wp package. A LaTeX guide specifically designed for word processor users*. 2016-06-24. Version 1.0.10. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4wp>  
MIRROR: <https://mirror.ctan.org/info/latex4wp>
  - *The latex4wp-it package. LaTeX guide for word processor users, in Italian*. 2016-06-24. Version 1.0.10. LICENSE: fdl. The package provides a version of the in Italian  
URL: <https://ctan.org/pkg/latex4wp-it>  
MIRROR: <https://mirror.ctan.org/info/latex4wp-it>
- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/basicarith>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basicarith>
- *The catechis package. Macros for typesetting catechisms*. 2021-07-20. Version 2.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/catechis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catechis>
  - *The clrdblpg package. Control pagestyle of pages left blank by \cleardoublepage*. 2018-05-07. Version 1.0. LICENSE: lppl1.3. This tiny package allows easy manipulation of the headers and footers on pages left blank by . By default, LaTeX has no easy facilities for this. This package uses more or less the algorithm listed in the package documentation, with some better indentation and added flexibility.  
URL: <https://ctan.org/pkg/clrdblpg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrdblpg>
  - *The colophon package. Provides commands for producing a colophon*. 2018-06-03. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/colophon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colophon>
  - *The dozenal package. Typeset documents using base twelve numbering (also called “dozenal”)*. 2018-05-11. Version 7.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dozenal>  
MIRROR: <https://mirror.ctan.org/fonts/dozenal>
  - *The drm package. A complete family of fonts written in Metafont*. 2016-06-24. Version 4.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/drm>  
MIRROR: <https://mirror.ctan.org/fonts/drm>
  - *The liturg package. Support for typesetting Catholic liturgical texts*. 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/liturg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/liturg>
  - *The lroundrect package. LaTeX macros for utilizing the roundrect MetaPost routines*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This LaTeX package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with LaTeX. It is chiefly useful for examples, but also has macros for particular types of boxes which are useful on their own.  
URL: <https://ctan.org/pkg/lroundrect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lroundrect>
  - *The modulus package. A non-destructive modulus and integer quotient operator for TeX*. 2018-05-05. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/modulus>  
MIRROR: <https://mirror.ctan.org/macros/generic/modulus>
  - *The padcount package. Pad numbers with arbitrary characters*. 2018-05-07. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/padcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/padcount>
  - *The poetry package. Facilities for typesetting poetry and poetical structure*. 2019-12-14. Version 2.2. LICENSE: lppl1.3c. This package provides some macros and general doodads for typesetting poetry. There is, of course, already the excellent package, and the package provides some extra functionality on top of it. But provides much of the same functionality in a bit of a different way, and with a few additional abilities, such as facilities for a list of poems, an index of first lines, and some structural commands.  
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 MIRROR: <https://mirror.ctan.org/fonts/libris>
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 MIRROR: <https://mirror.ctan.org/info/maad>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
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URL: <https://ctan.org/pkg/tex-fpc>  
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 URL: <https://ctan.org/pkg/rtkinenc>  
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 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  
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  - *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.  
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 URL: <https://ctan.org/pkg/mpstoeps>  
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- *The pointruler package. 12" Ruler containing Points and Inches*. 2016-06-24. LICENSE: lppl  
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- 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>
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 URL: <https://ctan.org/pkg/annee-scolaire>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
- *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’.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
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URL: <https://ctan.org/pkg/nonumonpart>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>
- *The paresse package. Define simple macros for greek letters.* 2021-05-16. Version 5.0.2. LICENSE: lppl1.3c. The package defines macros using to type greek letters so that the user may (for example) type to get the effect of . However, it takes care only of letters which have a macro name like or .  
URL: <https://ctan.org/pkg/paresse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paresse>
  - *The simples-matrices package. Define matrices by given list of values.* 2022-07-03. Version 1.0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/simples-matrices>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>
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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>
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URL: <https://ctan.org/pkg/drac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drac>
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URL: <https://ctan.org/pkg/tpic2pdf<sub>tex</sub>>  
MIRROR: <https://mirror.ctan.org/graphics/tpic2pdf<sub>tex</sub>>
- 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>
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MIRROR: <https://mirror.ctan.org/fonts/marvosym>
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URL: <https://ctan.org/pkg/jneurosci>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jneurosci>
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URL: <https://ctan.org/pkg/jphysiol>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jphysiol>
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URL: <https://ctan.org/pkg/bpolynomial>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcaption>
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URL: <https://ctan.org/pkg/mpcolornames>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>
  - *The semioneside package. Put only special contents on left-hand pages in two sided layout.* 2016-06-24. Version 0.41. LICENSE: lppl  
URL: <https://ctan.org/pkg/semioneside>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semioneside>



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 URL: <https://ctan.org/pkg/spelling>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/spelling>
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 URL: <https://ctan.org/pkg/textpath>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
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 URL: <https://ctan.org/pkg/vc>  
 MIRROR: <https://mirror.ctan.org/support/vc>
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 MIRROR: <https://mirror.ctan.org/support/latex2rtf>
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 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>
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 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>
- Hetherington, Lee and Eddie Kohler. *The t1utils package. Simple Type 1 font manipulation programs*. 2017-04-18. LICENSE: pd. A collection of simple programs for manipulating Adobe Type 1 fonts, comprising: – : convert PFB (binary) to PFA (ascii) fonts; – : convert PFA to PFB fonts; – : convert PFA or PFB fonts to human-readable and -editable format; – : reassemble such editable formats to a font; – : extract font resources from a Macintosh font file; and – : generate a Macintosh font from a Type 1 font.  
 URL: <https://ctan.org/pkg/t1utils>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/t1utils>

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 URL: <https://ctan.org/pkg/abspos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abspos>
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 URL: <https://ctan.org/pkg/pseudo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pseudo>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeldoc>
- Heuer, Johannes. *The la package. School handwriting fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/la>  
 MIRROR: <https://mirror.ctan.org/fonts/la>
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 URL: <https://ctan.org/pkg/china2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/china2e>
- *The morse package. Support for printing Morse code signs*. 2016-06-24. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/morse>  
 MIRROR: <https://mirror.ctan.org/fonts/morse>
- Hicks, Stephen. *The inlinedef package. Inline expansions within definitions*. 2016-06-24. Version 1.0. LICENSE: lppl. The package provides a macro that precedes a or . Within the definition text of an inlined definition, keywords such as may be used to selectively inline certain expansions at definition-time. This eases the process of redefining macros in terms of the original definition, as well as definitions in which the token that must be expanded is deep within, where would be difficult and is not suitable. Another application is as an easier version of , by defining a macro in terms of expanded local variables, then ending the group with .  
 URL: <https://ctan.org/pkg/inlinedef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinedef>
- *The marginfix package. Patch \marginpar to avoid overfull margins*. 2020-05-07. Version 1.2. LICENSE: lppl. Authors using L<sup>A</sup>T<sub>E</sub>X to typeset books with significant margin material often run into the problem of long notes running off the bottom of the page. A typical workaround is to insert commands by hand, but this is a tedious process that is invalidated when pagination changes. Another workaround is ’s function, but this can be unsatisfying for short textual notes, and standard marginpars cannot be mixed with sidebars. This package implements a solution to make marginpars “just work” by keeping a list of floating inserts and arranging them intelligently in the output routine.  
 URL: <https://ctan.org/pkg/marginfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginfix>
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 URL: <https://ctan.org/pkg/bewerbung>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bewerbung>
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 URL: <https://ctan.org/pkg/gitfile-info>  
 MIRROR: <https://mirror.ctan.org/support/gitfile-info>
- Hilbrich, Torsten. *The bbm-macros package. L<sup>A</sup>T<sub>E</sub>X support for “blackboard-style” cm fonts*. 2016-06-24. LICENSE: lppl. Provides L<sup>A</sup>T<sub>E</sub>X support for . Declares a font family bbm so you can in principle write running text in blackboard bold, and lots of math alphabets for using the fonts within maths.  
 URL: <https://ctan.org/pkg/bbm-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bbm>
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 URL: <https://ctan.org/pkg/chem-journal>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal>
- Hill, Jörg-Rüdiger and Antonio Cervellino. *The jcc package. BibTeX style file for J. Comp. Chem*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jcc>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal/jcc.bst>
- Hillebrand, Thomas. *The hexdump package. Read and typeset ASCII hexdump files*. 2016-06-24. Version 0.1. LICENSE: other-nonfree  
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 URL: <https://ctan.org/pkg/alphabib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/alphabib>
- *The shlatex package. L<sup>A</sup>T<sub>E</sub>X compilation script for Linux (written in Bash).* 2016-06-24. Version 1.2b. LICENSE: gpl  
 URL: <https://ctan.org/pkg/shlatex>  
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- Hinque, Christian. *The theatre package. A sophisticated package for typesetting stage plays.* 2017-09-22. Version 0.1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/theatre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/theatre>
- Hinrichs, Adrian C. *The cheatsheet package. A simple cheatsheet class.* 2017-08-20. Version 0.8. LICENSE: mit. The package provides a clean, multi-column design intended for cheat sheets. It imports the most useful packages and encloses the document in a environment.  
 URL: <https://ctan.org/pkg/cheatsheet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cheatsheet>
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 MIRROR: <https://mirror.ctan.org/info/amslatex/primer>
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 URL: <https://ctan.org/pkg/exam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exam>
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 URL: <https://ctan.org/pkg/free-math-font-survey-vn>  
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 MIRROR: <https://mirror.ctan.org/info/metapost/doc/russian/mpman-ru>
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 URL: <https://ctan.org/pkg/calendarweek>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/calendarweek.tex>
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 URL: <https://ctan.org/pkg/context-urwgothic>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-urwgothic>
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 URL: <https://ctan.org/pkg/context-lettrine>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-lettrine>
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 URL: <https://ctan.org/pkg/wasy-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/wasy-type1>
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 URL: <https://ctan.org/pkg/duerer>  
 MIRROR: <https://mirror.ctan.org/fonts/duerer>

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 URL: <https://ctan.org/pkg/labtex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/labtex>
- *The Makor 2 package. Typeset pointed Hebrew using Omega*. 2021-08-26. LICENSE: lpl  
 URL: <https://ctan.org/pkg/makor2>  
 MIRROR: <https://mirror.ctan.org/language/hebrew/makor>
  - *The mathinst package. Merge font families to create mathematical font sets*. 2016-06-24. LICENSE: gpl. A set of Perl and scripts to integrate mathematical fonts for use by (La)TeX using a family of Roman types and a set of raw math fonts (such as Euler, or the commercial MathTime or Lucida New Math fonts). All fonts are properly scaled for compatibility with the Roman fonts.  
 URL: <https://ctan.org/pkg/mathinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathinst>
  - *The mathkit package. Generate maths fonts to match outline fonts*. 2016-06-24. Version 0.7. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mathkit>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mathkit>
  - *The poetica package. Support for Adobe Poetica fonts in Type 1 format*. 2021-08-26. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/poetica>  
 MIRROR: <https://mirror.ctan.org/fonts/poetica>
  - *The vfinst package. Virtual font installation support*. 2016-06-24. Version 0.8. LICENSE: gpl. A set of scripts and Perl files which aim to make the installation of families of PostScript fonts and creation of necessary virtual fonts and outline fonts ‘virtually’ automatic. The scripts use .  
 URL: <https://ctan.org/pkg/vfinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/vfinst>
- Hoening, Stefan. *The chess-problem-diagrams package. A package for typesetting chess problem diagrams*. 2022-06-23. Version 1.21. LICENSE: lpl1.2  
 URL: <https://ctan.org/pkg/chess-problem-diagrams>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chess-problem-diagrams>
- *The schwalbe-chess package. Typeset the German chess magazine “Die Schwalbe”*. 2022-06-23. Version 2.12. LICENSE: lpl1.2. The package is based on , which in its turn has a dependency on the .  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schwalbe-chess>
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 MIRROR: <https://mirror.ctan.org/support/TeXmacs>
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 URL: <https://ctan.org/pkg/listings-ext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listings-ext>
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 URL: <https://ctan.org/pkg/texchord>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texchord>
- Hoffmann, Jobst. *The struktex package. Draw Nassi-Shneiderman charts*. 2018-06-04. Version 2.3c-0-g7d3fc5b. LICENSE: lpl1.2  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/struktex>
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 URL: <https://ctan.org/pkg/listings>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listings>
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 URL: <https://ctan.org/pkg/skak>  
 MIRROR: <https://mirror.ctan.org/fonts/chess/skak>
- *The tikz-opm package. Typeset OPM diagrams*. 2016-06-24. Version 0.1.1. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/tikz-opm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-opm>
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 URL: <https://ctan.org/pkg/aur1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aur1>



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 URL: <https://ctan.org/pkg/xtexshell>  
 MIRROR: <https://mirror.ctan.org/support/xtexshell>
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 URL: <https://ctan.org/pkg/annotation-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/annotation.sty>
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 MIRROR: <https://mirror.ctan.org/fonts/comicneue>
- *The raleway package. Use Raleway with T<sub>E</sub>X(-alike) systems*. 2016-12-03. Version 1.4. LICENSE: ofl  
 URL: <https://ctan.org/pkg/raleway>  
 MIRROR: <https://mirror.ctan.org/fonts/raleway>
  - *The sourcecodepro package. Use SourceCodePro with T<sub>E</sub>X(-alike) systems*. 2019-05-19. Version 2.7. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/sourcecodepro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourcecodepro>
  - *The SourceSansPro package. Use SourceSansPro with T<sub>E</sub>X(-alike) systems*. 2020-04-26. Version 2.8. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/sourcesanspro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourcesanspro>
  - *The sourceserifpro package. Use SourceSerifPro with T<sub>E</sub>X(-alike) systems*. 2018-11-10. Version 1.4. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/sourceserifpro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourceserifpro>
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 URL: <https://ctan.org/pkg/biblatex-iso690>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-iso690>
- *The ctanbib package. Export CTAN entries to bib format*. 2021-06-30. Version 0.2a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ctanbib>  
 MIRROR: <https://mirror.ctan.org/support/ctanbib>
  - *The linebreaker package. Prevent overflow boxes with LuaLaTeX*. 2022-03-12. Version 0.1a. LICENSE: lppl1.3. This package tries to prevent overflow lines in paragraphs or boxes. It changes LuaTeX's callback and re-typesets the paragraph with increased values of and until the overflow no longer happens. If that doesn't help, it chooses the solution with the lowest badness.  
 URL: <https://ctan.org/pkg/linebreaker>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/linebreaker>
  - *The Lua-UCA package. Unicode Collation Algorithm library for Lua*. 2021-11-10. Version 0.1b. LICENSE: mit  
 URL: <https://ctan.org/pkg/luu-uca>  
 MIRROR: <https://mirror.ctan.org/support/lualibs/luu-uca>
  - *The luavlna package. Prevent line breaks after single letter words, units, or academic titles*. 2022-08-17. Version 0.1j. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luavlna>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luavlna>
  - *The luaxml package. Lua library for reading and serialising XML files*. 2021-10-07. Version 0.1q. LICENSE: other-free. LuaXML is a pure Lua library for reading and serializing XML files. The current release is aimed mainly at support for the package. The documentation was created by automatic conversion of original documentation in the source code.  
 URL: <https://ctan.org/pkg/luaxml>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaxml>
  - *The make4ht package. A build system for tex4ht*. 2022-03-22. Version 0.3l. LICENSE: lppl1.3. is a simple build system for , a T<sub>E</sub>X to XML converter. It provides a command line tool that drives the conversion process. It also provides a library which can be used to create customized conversion tools.  
 URL: <https://ctan.org/pkg/make4ht>  
 MIRROR: <https://mirror.ctan.org/support/make4ht>
  - *The odsfile package. Read OpenDocument Spreadsheet documents as L<sup>A</sup>T<sub>E</sub>X tables*. 2016-06-24. Version 0.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/odsfile>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/odsfile>



- Hoftich, Michal. *The sectionbreak package. L<sup>A</sup>T<sub>E</sub>X support for section breaks*. 2019-03-11. Version 0.1d. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/sectionbreak>  
 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>
  - *The uninormalize package. Unicode normalization support*. 2021-01-03. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uninormalize>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/uninormalize>
- Hogben, Colin and Bernard Gaulle. *The pos-at package. Position things at absolute positions on the page*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pos-at>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/at.sty>
- Hogeveen, Sake J. *The astron package. BibTeX style for astronomical journals*. 2016-06-24. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/astron>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/astron>
- Høgholm, Morten. *The dblfloatfix package. Fixes for twocolumn floats*. 2016-06-24. Version 1.0a. LICENSE: lppl1.3. The package solves two problems: floats in a twocolumn document come out in the right order and allowed float positions are now . The package actually merges facilities from and .  
 URL: <https://ctan.org/pkg/dblfloatfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dblfloatfix>
- Høgholm, Morten, Lars Madsen, Will Robertson, and Joseph Wright. *The mh package. Stub for the (old) ‘mh’ bundle*. 2016-06-24. LICENSE: lppl1.3. The mh bundle was a series of packages to enhance the appearance of documents containing a lot of maths; the package were designed to support and extend the L<sup>A</sup>T<sub>E</sub>X The packages (no longer distributed as a bundle) comprise:  
 URL: <https://ctan.org/pkg/mh>
- *The xfrac package. Split-level fractions in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>\**. 2022-06-22. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfrac>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- Høgholm, Morten, Lars Madsen, Will Robertson, Joseph Wright, and Michael J. Downes. *The flexisym package. Symbol manipulation for breqn*. 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flexisym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Høgholm, Morten, Lars Madsen, The L<sup>A</sup>T<sub>E</sub>X Project Team, Will Robertson, and Joseph Wright. *The empheq package. EMPHAsizing EQuations*. 2020-03-24. Version 2.16. LICENSE: lppl1.3. This package is part of the bundle. it provides a visual markup extension to . The user-friendly interface allows the user to put a set of equations inside a box thus enhancing the feature of amsmath. As a 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>
- *The mathtools package. Mathematical tools to use with amsmath*. 2022-06-30. Version 1.29. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mathtools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
- Hohti, Aarno and Okko Kanerva. *The apl package. Fonts for typesetting APL programs*. 2021-08-26. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/apl>  
 MIRROR: <https://mirror.ctan.org/fonts/apl>
- Holbrook, Joshua. *The uafthesis package. Document class for theses at University of Alaska Fairbanks*. 2020-12-30. Version 12.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/uafthesis>  
 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: lpl1.3. 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: lpl1  
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 lextex 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>

- Hosek, Don. *The mfllogo209 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/mfllogo209>  
 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*. 2020-06-02. Version 0.113. 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>
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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidishadowtext>
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URL: <https://ctan.org/pkg/ftnxtra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftnxtra>
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MIRROR: <https://mirror.ctan.org/fonts/parisa>
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URL: <https://ctan.org/pkg/parsitex>  
MIRROR: <https://mirror.ctan.org/systems/parsitex>
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URL: <https://ctan.org/pkg/roundbox>  
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URL: <https://ctan.org/pkg/tram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tram>
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URL: <https://ctan.org/pkg/unicode-bidi>  
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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xecolor>
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URL: <https://ctan.org/pkg/xecolour>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/xetex/latex/xecolour>
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MIRROR: <https://mirror.ctan.org/indexing/xindy/contrib/xindy-persian>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adrconv>
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URL: <https://ctan.org/pkg/akletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akletter>
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URL: <https://ctan.org/pkg/lexikon>  
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URL: <https://ctan.org/pkg/manfnt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/manfnt>
  - *The myletter package. An old letter class.* 2016-06-24. LICENSE: lppl. The class is superseded by the author's .  
URL: <https://ctan.org/pkg/myletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akletter>
  - *The wasysym package. L<sup>A</sup>T<sub>E</sub>X support for the wasy fonts.* 2020-02-02. Version 2.4. LICENSE: lppl1.3c. The (Waldi Symbol) font by Roland Waldi provides many glyphs like male and female symbols and astronomical symbols, as well as the complete lasy font set and other odds and ends. This package implements an easy to use interface for these symbols.  
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 URL: [https://ctan.org/pkg/miktex\\_update](https://ctan.org/pkg/miktex_update)  
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/nevada>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/newcastle>
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URL: <https://ctan.org/pkg/softmaker-oldblackletter>  
MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/oldblackletter>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/stonehand>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/sunset>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/tampa>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/vagrounded>
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MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf/mfbook.tex>
  - *The picmac package. A picture mode in Plain T<sub>E</sub>X*. 2016-11-06. LICENSE: knuth  
URL: <https://ctan.org/pkg/picmac>  
MIRROR: <https://mirror.ctan.org/systems/knuth/local/lib/picmac.tex>
  - *The plain package. The Plain T<sub>E</sub>X format*. 2016-11-06. Version 3.141592653. LICENSE: knuth  
URL: <https://ctan.org/pkg/plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/base>
  - *The ransom package. A "very bad typewriter" font*. 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/ransom>  
MIRROR: <https://mirror.ctan.org/fonts/ransom>
  - *The selectpage package. Select pages to be output from a document*. 2020-04-11. LICENSE: knuth  
URL: <https://ctan.org/pkg/selectpage>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/selectpage.tex>
  - *The tangle package. Generate compilable source from web*. 2021-02-09. Version 4.6. LICENSE: knuth. This is the component of Knuth's that produces a compilable source from the web representation of a program.  
URL: <https://ctan.org/pkg/tangle>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/tangle.web>
  - *The testfont package. A testbed for font evaluation*. 2016-06-24. LICENSE: knuth. This file (part of the distribution) allows the user to select fonts and to perform a number of evaluation tests, from simple font tables through to elaborate pattern samples.  
URL: <https://ctan.org/pkg/testfont>  
MIRROR: <https://mirror.ctan.org/macros/plain/base/testfont.tex>
  - *The TeX package. A sophisticated typesetting engine*. 2022-02-01. Version 3.141592653. LICENSE: knuth  
URL: <https://ctan.org/pkg/tex>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex>
  - *The texbook package. The source of The T<sub>E</sub>Xbook*. 2021-02-09. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/texbook>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex/texbook.tex>
  - *The texware package. Utility programs for use with T<sub>E</sub>X*. 2021-08-26. LICENSE: pd  
URL: <https://ctan.org/pkg/texware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/texware>
  - *The twocolumns package. Knuth's two-column output macros*. 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/twocolumns>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2columns.mac>
  - *The vf-knuth package. Knuth on virtual fonts*. 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/vf-knuth>  
MIRROR: <https://mirror.ctan.org/info/knuth/virtual-fonts>

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



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

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

- Kohm, Markus. *The scrjura package. Koma-Script support for lawyers, etc.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrjura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrlayer 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/scrlayer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrlayer-fancyhdr package. Combining package fancyhdr with KOMA-Script’s scrlayer.* 2022-07-08. Version 0.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrlayer-fancyhdr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrlayer-fancyhdr>
  - *The scrlayer-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/scrlayer-notecolumn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrlayer-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/scrlayer-scrpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *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 scrfile package. Installation control for koma-script packages.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrfile>  
 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 scrtime package. Show the time of a L<sup>A</sup>T<sub>E</sub>X run.* 2022-10-12. Version 3.38. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrtime>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrwfile package. Use L<sup>A</sup>T<sub>E</sub>X .aux file in place of \newwrite files.* 2022-10-12. Version 0.1.11. LICENSE: lppl1.3c. The package provides a means of sending all L<sup>A</sup>T<sub>E</sub>X , table of contents, and other miscellaneous output via the L<sup>A</sup>T<sub>E</sub>X file. The mechanism subverts the mechanism of , and means there will never be a “No room for new ” message.  
 URL: <https://ctan.org/pkg/scrwfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *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 tocsyle package. Define style of Table of contents (etc) files.* 2020-07-22. Version 0.2k-alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tocsyle>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>

- Kohm, Markus. *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>
- Kolb, Hans-Peter, Craig Thiersch, and Alexis Dimitriadis. *The gb4e package. Linguistic tools*. 2016-06-24. LICENSE: lppl1.2  
 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  
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URL: <https://ctan.org/pkg/floatrow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatrow>
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-karnaugh>
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URL: <https://ctan.org/pkg/tikz-ladder>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ladder>
  - *The tikz-relay package. TikZ library for typesetting electrical diagrams*. 2022-08-07. Version 1.3. LICENSE: lppl1  
URL: <https://ctan.org/pkg/tikz-relay>  
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URL: <https://ctan.org/pkg/vdmlisting>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vdmlisting>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcjk2uni>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xpinyin>
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 URL: <https://ctan.org/pkg/xecjk>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xecjk>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gamebooklib>
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URL: <https://ctan.org/pkg/macroswap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/macroswap>
  - *The rjlparsnap package. Support for use of \parsnap in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: lppl1.2. The package provides macros and environments that relieve the programmer of some of the difficulties of using in L<sup>A</sup>T<sub>E</sub>X macros. It does actually calculate shapes in the way that the package does.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rjlparsnap>
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URL: <https://ctan.org/pkg/citation-style-language>  
MIRROR: <https://mirror.ctan.org/biblio/citation-style-language>
- *The gbt7714 package. BibTeX implementation of China's bibliography style standard GB/T 7714-2015.* 2022-10-03. Version 2.1.5. LICENSE: lppl1.3c. The package provides a BibTeX implementation for the Chinese national bibliography style standard GB/T 7714-2015. It consists of two files for numerical and author-year styles as well as a L<sup>A</sup>T<sub>E</sub>X package which provides the citation style defined in the standard. The package is compatible with and supports language detection (Chinese and English) for each bibliographic entry.  
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MIRROR: <https://mirror.ctan.org/obsolete/support/ttf2tex>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csquotes>
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URL: <https://ctan.org/pkg/acm>  
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- *The bsf package. Access bold computer modern sans in L<sup>A</sup>T<sub>E</sub>X 2.09*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bsf>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bsf.sty>
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URL: <https://ctan.org/pkg/longfbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfbox>
- *The options package. Provides convenient key-value options for L<sup>A</sup>T<sub>E</sub>X package writers*. 2016-06-24. Version 1.0. LICENSE: lpl1.3. The options package provides easy to use key-value options for L<sup>A</sup>T<sub>E</sub>X package writers. It has a similar interface as with path options but comes with more built-in data types and more convenient support for families and searching.  
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MIRROR: <https://mirror.ctan.org/support/texlipse>
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MIRROR: <https://mirror.ctan.org/graphics/sparklines>
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/easing>
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URL: <https://ctan.org/pkg/polytable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polytable>
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URL: <https://ctan.org/pkg/simpleinvoice>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simpleinvoice>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chronosys>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tagging>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/accents>
- *The arabicfront package. Frontmatter with arabic page numbers*. 2019-07-06. Version 1.1. LICENSE: mit. This package modifies the definitions of and so that page numbering starts in arabic style from the front matter while preserving the rest of the original definitions. For it to work, has to be inside these macros—most of classes do that, but there are exceptions like .  
URL: <https://ctan.org/pkg/arabicfront>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arabicfront>
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URL: <https://ctan.org/pkg/babel-azerbaijani>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/azerbaijani>
  - *The babeltools package. Tools for dealing with Babel annoyances*. 2019-06-27. Version 1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/babeltools>
  - *The checkend package. Extend “improperly closed environment” messages*. 2019-09-28. Version 1.0. LICENSE: mit  
URL: <https://ctan.org/pkg/checkend>  
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 URL: <https://ctan.org/pkg/colorspackage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorspackage>
- *The dotlessi package. Provides dotless i's and j's for use in any math font*. 2019-07-06. Version 1.1. LICENSE: mit. The package provides two commands: `\and` and `\j`, which give access to dotless i's and j's in math mode. They are intended for symbols in non English languages.  
 URL: <https://ctan.org/pkg/dotlessi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotlessi>
  - *The enumitem package. Control layout of itemize, enumerate, description*. 2019-06-22. Version 3.9. LICENSE: mit. This package provides user control over the layout of the three basic list environments: `enumerate`, `itemize` and `description`. It supersedes both `enumitem` and `enumitem` (providing well-structured replacements for all their functionality), and in addition provides functions to compute the layout of labels, and to 'clone' the standard environments, to create new environments with counters of their own.  
 URL: <https://ctan.org/pkg/enumitem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enumitem>
  - *The epsfview package. Mac AppleScript tool for viewing figures generated with MetaPost*. 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/epsfview>  
 MIRROR: <https://mirror.ctan.org/systems/mac/epsfview.sea.hqx>
  - *The esindex package. Typset index entries in Spanish documents*. 2019-10-11. Version 1.7. LICENSE: mit. This package helps you to create indexes in Spanish. With `esindex` you can write, say, `\esindexcañón` and the entry will be correctly alphabetized in the index. This release of `esindex` works with accented characters in any encoding, and without .  
 URL: <https://ctan.org/pkg/esindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esindex>
  - *The fixpdmag package. Fix magnification in pdfTeX*. 2016-06-24. LICENSE: pd. A recent change to pdfTeX has caused magnification to apply to page dimensions. This small package changes the values set in the page dimension variables from `\paperwidth` to `\paperheight`, thus evading the effects of .  
 URL: <https://ctan.org/pkg/fixpdmag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdmag.tex>
  - *The gindex package. Formatting indexes*. 2019-10-07. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/gindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gindex>
  - *The guarani package. Guarani support*. 2016-06-24. LICENSE: lppl. This is an (unfinished) package for support of Guarani, which is the main language spoken in Paraguay. The bundle provides support for writing in Guarani, together with a definition file for a windows Guarani code page.  
 URL: <https://ctan.org/pkg/guarani>  
 MIRROR: <https://mirror.ctan.org/language/guarani>
  - *The luahyphenrules package. Loading patterns in Lua<sup>A</sup>T<sub>E</sub>X with language.dat*. 2020-08-28. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luahyphenrules>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luahyphenrules>
  - *The mem package. A multilingual system for Lamed*. 2017-04-18. Version 0.0004. LICENSE: lppl. This package consists of experimental code for a multilingual system for Lamed (i.e., <sup>A</sup>L<sub>A</sub>T<sub>E</sub>X running over <sup>A</sup>L<sub>A</sub>T<sub>E</sub>X). This distribution has pre-alpha status, and is offered for experimentation and to attract contributions.  
 URL: <https://ctan.org/pkg/mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/mem>
  - *The soulpos package. A fancy means of underlining*. 2021-10-15. Version 1.2. LICENSE: mit. The package combines the use of `\u` with the mechanism of current pdfTeX so that the user can create (almost) arbitrary underlining and similar "decorations", including rules, leaders and even pictures (`\rule`, `\hrule`, etc.). Unlike underlines, which are built by repeating small elements, here each chunk of text to be underlined is a single element.  
 URL: <https://ctan.org/pkg/soulpos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/soulpos>
  - *The subdocs package. Multifile documents*. 2019-07-06. Version 0.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/subdocs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdocs>
  - *The tensind package. Typeset tensors*. 2019-07-06. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/tensind>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tensind>

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 URL: <https://ctan.org/pkg/texemplar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/TeXemplar>
- *The tipos package. Description of fonts for T<sub>E</sub>X, in Spanish*. 2016-06-24. LICENSE: nosource. The document tipos.pdf describes (in Spanish) the large amount of types of files for fonts ('tipo' means 'font' in Spanish). Tipos.pdf has been by Thomas Ruedas.  
 URL: <https://ctan.org/pkg/tipos>
  - *The titleps package. Page style control*. 2019-10-16. Version 2.13. LICENSE: mit  
 URL: <https://ctan.org/pkg/titleps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titlesec package. Select alternative section titles*. 2021-07-05. Version 2.14. LICENSE: mit  
 URL: <https://ctan.org/pkg/titlesec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titletoc package. Alternative headings for toc/lof/lot*. 2019-10-16. Version 2.13. LICENSE: mit. A companion for handling toc/lof/lot entries.  
 URL: <https://ctan.org/pkg/titletoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
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 URL: <https://ctan.org/pkg/babel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/babel/base>
- *The babel-albanian package. Support for Albanian within babel*. 2020-11-25. Version 1.0d. LICENSE: lppl1.3. The package provides support for typesetting Albanian (as part of the system).  
 URL: <https://ctan.org/pkg/babel-albanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>
  - *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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/czech>
  - *The babel-danish package. Babel contributed support for Danish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Danish conventions in a document (or a subset of the conventions, if Danish is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/danish>
  - *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>
- López, Javier Bezos and Johannes L. Braams. *The babel-norsk package. Babel support for Norwegian.* 2018-01-13. 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 “LaTeX 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 “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-sorbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish*. 2020-04-20. Version 5.0. LICENSE: mit. This directory is a permanent place for the latest official release of the hyphenation patterns for the Spanish language, valid for , , and , with the tools used to generate them.  
 URL: <https://ctan.org/pkg/hyphen-spanish>  
 MIRROR: <https://mirror.ctan.org/language/spanish/hyphen-spanish>
- López, Javier Bezos and Thomas Ruedas. *The fonteinf package. An introduction to font usage in LaTeX (German)*. 2016-06-24. LICENSE: nosource. A German translation of a on how to use fonts in LaTeX.  
 URL: <https://ctan.org/pkg/fonteinf>  
 MIRROR: <https://mirror.ctan.org/info/german/fonteinf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish*. 2021-05-27. Version 5.0q. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>
- López, Joaquín Ataz. *The guía-bibtex package. Guia casi completa de BibTeX*. 2016-06-24. LICENSE: fdl  
 URL: <https://ctan.org/pkg/guia-bibtex>  
 MIRROR: <https://mirror.ctan.org/info/spanish/guia-bibtex>
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 URL: <https://ctan.org/pkg/oztex-fonts>  
 MIRROR: <https://mirror.ctan.org/systems/mac/fonts/oztex>
- Lorenz, Björn. *The neufont package. New font installation*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/neufont>  
 MIRROR: <https://mirror.ctan.org/info/german/neufont.tex>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts*. 2016-06-24. LICENSE: other-free. A set of bibliography styles that conform to DIN 1505, and match the original BibTeX standard set ( , , and ), together with a style to work with .  
 URL: <https://ctan.org/pkg/din1505>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures*. 2018-03-07. Version 0.302. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selnolig>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/selnolig>
- Loreti, Maurizio. *The brushscr package. A handwriting script font*. 2019-07-06. LICENSE: pd. The BrushScript font simulates hand-written characters; it is distributed in Adobe Type 1 format (but is available in italic shape only). The package includes the files needed by LaTeX in order to use that font. The file fully describes the package and illustrates its use.  
 URL: <https://ctan.org/pkg/brushscr>  
 MIRROR: <https://mirror.ctan.org/fonts/brushscr>
- *The bsheaders package. Double-ruled chapter heading style*. 2019-07-06. LICENSE: gpl. The style, inspired by those in a book by Bjarne Stroustrup, implements chapter headers in sans-serif and bounded by lines wide, both above and below the header itself.  
 URL: <https://ctan.org/pkg/bsheaders>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bsheaders>
  - *The lucold package. Use old-style digits with Lucida fonts*. 2021-09-11. LICENSE: gpl. The package provides the means to switch the rendering of all the digits of a document from ‘lining’ to ‘old-style’ numbers, when using Lucida fonts. The switch affects all digits in text mode, or all digits in text and math mode. It works both for normal weight and boldface text and math; since the boldface old-style digits are in the Lucida Expert font set, you need it for the boldface digits. Includes a set of AWK programs used



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



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

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

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

- Luecking, Daniel H. *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>
- *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>
- Lukaszczuk, Stephan. *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany*. 2022-10-24. Version 1.2.0. 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>

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 URL: <https://ctan.org/pkg/memoirchapterstyles>  
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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>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/huhyp.tex>
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 URL: <https://ctan.org/pkg/tex-converter>  
 MIRROR: <https://mirror.ctan.org/support/tex-converter>
- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L<sup>A</sup>T<sub>E</sub>X in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L<sup>A</sup>T<sub>E</sub>X from PHP programs; in particular, this allows users to enter L<sup>A</sup>T<sub>E</sub>X commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L<sup>A</sup>T<sub>E</sub>X and ImageMagick to be installed. The open source PHP code was originally designed for use with phpBB, but it can be adapted for use with other PHP programs. Details and example installations may be found in the maintainer's .  
 URL: <https://ctan.org/pkg/latexrender>  
 MIRROR: <https://mirror.ctan.org/support/latexrender>
- Mazoit, Frédéric. *The tableauVariations package. Variation tables in MetaPost*. 2016-06-24. LICENSE: gpl. Utility macros for creating tables of signs and of variations. The L<sup>A</sup>T<sub>E</sub>X package provides an interface to this package.  
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 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/tableauvariations>
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 URL: <https://ctan.org/pkg/europasscv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/europasscv>
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 URL: <https://ctan.org/pkg/gcard>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gcard>
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 MIRROR: <https://mirror.ctan.org/macros/scripttex>
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 URL: <https://ctan.org/pkg/cea>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/cea.sty>
- *The marnote package. Place text in the margin of a document*. 2016-06-24. Version 0.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/marnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/marnote.sty>
- McClelland, Tony. *The corelfonts package. An installation script for Corel Ventura fonts*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/corelfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/corelfonts>
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 URL: <https://ctan.org/pkg/hpgl2ps>  
 MIRROR: <https://mirror.ctan.org/graphics/hpgl2ps>
- McDonnell, Rowland. *The cmolddig package. Virtual fount setup for using old style digits*. 2016-06-24. Version 1.6. LICENSE: lppl. This package is a virtual font setup for using old style digits by default with the OT1 encoded Computer Modern Roman upright fonts. The package does the same job for the T1 encoded EC fonts and is generally much better because the EC fonts are like that; but then again, OT1 encoded cmr is available for free in TrueType and PS Type 1 formats and has its uses in pdf files as a result.  
 URL: <https://ctan.org/pkg/cmolddig>  
 MIRROR: <https://mirror.ctan.org/fonts/cmolddig>
- *The eurofont package. Provides a command that prints a euro symbol*. 2016-06-24. Version 1.1.3. LICENSE: other-free. The particular symbol printed by will in general change depending on the font family, weight, and shape in use at the time. This symbol can



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

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

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

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

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

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

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

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

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

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

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

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

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

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LICENSE: lppl1.3c

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

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

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

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

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

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

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

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

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

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

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

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

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

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

McKenzie, Andrew. *The ling-macros package. Macros for typesetting formal linguistics*. 2016-10-17. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/ling-macros>

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

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MIRROR: <https://mirror.ctan.org/macros/generic/misc/compare.tex>
- McManus, Éamonn. *The cprog package. Typeset C programs*. 2016-06-24. Version 1.4. LICENSE: pd  
URL: <https://ctan.org/pkg/cprog>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/cprog.sty>
- *The unouter package. Suppress \outer flags in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free. The package suppresses all the flags on macros in Plain T<sub>E</sub>X; it also suppresses the command.  
URL: <https://ctan.org/pkg/unouter>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/unouter.tex>
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URL: <https://ctan.org/pkg/gridpapers>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridpapers>
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URL: <https://ctan.org/pkg/bbcard>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bbcard>
- *The slideshow package. Generate slideshow with MetaPost*. 2016-06-24. Version 1.0. LICENSE: other-free  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/slideshow>
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URL: <https://ctan.org/pkg/pandora-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/pandora>
- McPherson, Kent. *The bookform package. L<sup>A</sup>T<sub>E</sub>X 2.08 style for MIL STD 490 documents*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bookform>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/bookform>
- *The extradefs package. A miscellany of support macros*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/extradefs>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/extradefs.tex>
  - *The memo2 package. A memo document style*. 2016-06-24. LICENSE: noinfo. A small document style (L<sup>A</sup>T<sub>E</sub>X 2.09) which produces a presentable memorandum layout. The style will work under L<sup>A</sup>T<sub>E</sub>X 2e (subject to the usual complaints), but requires the package.  
URL: <https://ctan.org/pkg/memo2>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/memo2>
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URL: <https://ctan.org/pkg/milstd>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/milstd>
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MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
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- *The old-fontch package. Changing fonts, sizes and encodings in Plain T<sub>E</sub>X (obsolete version)*. 2016-06-24. Version 2. LICENSE: lppl  
URL: <https://ctan.org/pkg/old-fontch>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/plain/contrib/fontch20>
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URL: <https://ctan.org/pkg/sphyphb>  
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- Medini, Yotam. *The tfmpk package. A viewer for tfm and pk font files*. 2016-06-24. Version 0.72. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/fonts/utilities/tfmpk>

- Meer, Hans van der. *The exams package. Typeset exam questions*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/exams>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exams>
- *The slidenotes package. Typeset slides accompanied by notes*. 2019-06-21. Version 3.27. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/slidenotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slidenotes>
- Meer, Sven van der. *The skb package. Tools for a repository of long-living documents*. 2017-04-18. Version 0.52. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skb>
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 Developed from the ancestor of the standard class, at the Observatoire de Genève.  
 URL: <https://ctan.org/pkg/lettre>  
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 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/drv>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fp>
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 URL: <https://ctan.org/pkg/hyper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyper>
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 URL: <https://ctan.org/pkg/apacite>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/apacite>
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 URL: <https://ctan.org/pkg/present>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/present>
- Melendez, Enrique. *The cweb-hy package. Insert hyperlinks for included files*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cwebhy>  
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 URL: <https://ctan.org/pkg/uhrzeit>  
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 URL: <https://ctan.org/pkg/listlbls>  
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- Mendler, Daniel. *The gridslides package. Free form slides with blocks placed on a grid*. 2017-11-28. Version 0.1.1. LICENSE: lppl1.3,gpl2  
 URL: <https://ctan.org/pkg/gridslides>  
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 URL: <https://ctan.org/pkg/fei>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fei>
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 URL: <https://ctan.org/pkg/bigints>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bigints>
- *The plantslabels package. Write labels for plants.* 2016-06-24. Version 1.0. LICENSE: lpl  
 URL: <https://ctan.org/pkg/plantslabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/plantslabels>
  - *The turnthepage package. Provide “turn page” instructions.* 2016-06-24. Version 1.3a. LICENSE: lpl  
 URL: <https://ctan.org/pkg/turnthepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/turnthepage>
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 URL: <https://ctan.org/pkg/amsPELL>  
 MIRROR: <https://mirror.ctan.org/support/amsPELL>
- Mertz, Andrew. *The jflap2tikz package. Convert JFlap file into a L<sup>A</sup>T<sub>E</sub>X file depicting the automaton using TikZ.* 2016-06-24. Version 1.2. LICENSE: other-free. JFlap is an excellent piece of software for experimenting with finite state machines, Turing machines and for exploring many aspects of the theory of computation. JFLAP2TikZ is a script that converts a JFlap “ file representing a finite automaton, push down automaton, or Turing machine to L<sup>A</sup>T<sub>E</sub>X file depicting the automaton graphically using TikZ.  
 URL: <https://ctan.org/pkg/jflap2tikz>  
 MIRROR: <https://mirror.ctan.org/graphics/jflap2tikz>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esami>
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 MIRROR: <https://mirror.ctan.org/obsolete/systems/mac/oztex-german>
- Mezzetti, Gustavo. *The bullcntr package. Display list item counter as regular pattern of bullets.* 2016-06-24. Version 0.04. LICENSE: lpl1.3. The bullcntr package defines the command , which may be thought of as an analogue of the command: like the latter, it displays the value of a counter lying between 1 and 9, but uses, for the purpose, a regular pattern of bullets.  
 URL: <https://ctan.org/pkg/bullcntr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bullcntr>
- *The C.D.P. Bundle package. Business letters in the Italian style.* 2022-01-13. Version 0.36d. LICENSE: lpl  
 URL: <https://ctan.org/pkg/cdpbundl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdpbundl>
  - *The halloweenmath package. Scary and creepy math symbols with AMS-L<sup>A</sup>T<sub>E</sub>X integration.* 2019-11-01. Version 0.11. LICENSE: lpl1.3  
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 URL: <https://ctan.org/pkg/karnaughmap>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/karnaughmap>
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 URL: <https://ctan.org/pkg/textgreek>  
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 URL: <https://ctan.org/pkg/eqmlite>  
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 URL: <https://ctan.org/pkg/hvmath-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/micropress/hvmath>
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/latexmp>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcheck>
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 URL: <https://ctan.org/pkg/xepersian-hm>  
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 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  
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 URL: <https://ctan.org/pkg/sides>  
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 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>
  - *The pagecolor package. Interrogate page colour*. 2017-05-29. Version 1.0i. LICENSE: lppl1.3c. This package provides the command , which gives the current page (background) colour, i. e. the argument used with the most recent call of . The command gives the same colour as , except when the page background colour is “none” (e.g., as a result of using the command). In that case is “white” and is “none”.  
 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>  
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  - *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>  
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 URL: <https://ctan.org/pkg/regstats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regstats>
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 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>



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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>TeX.  
URL: <https://ctan.org/pkg/casiofont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>
- *The he-she package. Alternating pronouns to aid gender-neutral writing*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/he-she>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/he-she>
  - *The invoice-class package. Produces a standard US invoice from a CSV file*. 2019-01-20. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/invoice-class>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/invoice-class>
  - *The msu-thesis package. Class for Michigan State University Master's and PhD theses*. 2022-08-19. Version 3.5b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/msu-thesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/msu-thesis>
  - *The pst-vowel package. Enable arrows showing diphthongs on vowel charts*. 2018-09-15. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-vowel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-vowel>
  - *The screenplay-pkg package. Package version of the screenplay document class*. 2017-08-06. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/screenplay-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay-pkg>
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URL: <https://ctan.org/pkg/csv2latex>  
MIRROR: <https://mirror.ctan.org/support/csv2latex>
- Munson, Ethan V. *The ucthesis209 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/ucthesis209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ucthesis>
- 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 .



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MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cmttbf>
- Münster, Peter. *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>
  - *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 hypertext or label.  
URL: <https://ctan.org/pkg/gmiflink>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmiflink>
  - *The gmutils package. Support macros for other packages*. 2016-06-24. Version 0.996. LICENSE: lppl  
URL: <https://ctan.org/pkg/gmutils>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
  - *The gmverb package. A variant of L<sup>A</sup>T<sub>E</sub>X \verb, verbatim and shortverb*. 2016-06-24. Version 0.98. LICENSE: lppl  
URL: <https://ctan.org/pkg/gmverb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverb>
  - *The gmverse package. A package for typesetting (short) poems*. 2018-01-06. Version 0.73. LICENSE: lppl. A redefinition of the environment to make the command optional for line ends and to give it a possibility of optical centering and ‘right-hanging’ alignment of lines broken because of length.

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

- values on the fly, and other features of pgfkeys are introduced in a new context.  
 URL: <https://ctan.org/pkg/skeyval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeyval>
- Musa, Ahmed. *The storecmd package. Store the name of a defined command in a container.* 2016-06-24. Version 0.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/storecmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storecmd>
- *The xwatermark package. Graphics and text watermarks on selected pages.* 2021-06-17. Version 1.5.2d. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xwatermark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xwatermark>
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 URL: <https://ctan.org/pkg/go-make>  
 MIRROR: <https://mirror.ctan.org/support/go>
- Myers, Eric. *The ruled-tables package. Plain T<sub>E</sub>X table macros, with ruled capability.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ruled-tables>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/ruled-tables>
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 URL: <https://ctan.org/pkg/texsis>  
 MIRROR: <https://mirror.ctan.org/macros/texsis>
- Naanou, Alex A. *The photobook package. A document class for typesetting photo books.* 2022-09-24. Version 0.1. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/photobook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/photobook>
- Nagy, Bence. *The hungarian package. New Hungarian hyphenation patterns.* 2016-11-05. LICENSE: gpl. These patterns are a modern substitute for those in the package.  
 URL: <https://ctan.org/pkg/hungarian>  
 MIRROR: <https://mirror.ctan.org/language/hungarian/hyphenation>
- Nähring, Tobias and Herbert Voß. *The pst-bezier package. Draw Bezier curves.* 2016-09-03. Version 0.03. LICENSE: lppl. The package provides a macro for drawing a Bézier curve. Provision is made for full control of over all the control points of the curve.  
 URL: <https://ctan.org/pkg/pst-bezier>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bezier>
- Nakashima, Hiroshi. *The arydshln package. Draw dash-lines in array/tabular.* 2019-02-22. Version 1.76. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/arydshln>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arydshln>
- *The dblfnote package. Double-column footnotes.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dblfnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
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 URL: <https://ctan.org/pkg/fnpos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
- *The hvdashln package. Horizontal and vertical dashed lines in arrays and tabulars.* 2018-01-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hvdashln>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hvdashln.sty>
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 URL: <https://ctan.org/pkg/newvbtm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newvbtm>
- *The paracol package. Multiple columns with texts “in parallel”.* 2018-12-31. Version 1.35. LICENSE: lppl  
 URL: <https://ctan.org/pkg/paracol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paracol>
- *The pfnote package. Number footnotes per page.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pfnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
- *The umoline package. Underline text allowing line breaking.* 2018-01-06. LICENSE: lppl. Provides commands , and for underlining, striking out, and overlining their text arguments.  
 URL: <https://ctan.org/pkg/umoline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umoline>

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URL: <https://ctan.org/pkg/yafoot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yafoot>
- Naranong, Saitulaa. *The texliveonfly package. On-the-fly download of missing T<sub>E</sub>X live packages*. 2020-06-24. LICENSE: gpl3  
URL: <https://ctan.org/pkg/texliveonfly>  
MIRROR: <https://mirror.ctan.org/support/texliveonfly>
- Nardello, Massimo. *The bibfilex package. A free bibliographic manager for BibLaTeX*. 2017-04-18. Version 1.2.8. LICENSE: gpl3  
URL: <https://ctan.org/pkg/bibfilex>  
MIRROR: <https://mirror.ctan.org/biblio/bibfilex>
- Nash, David. *The ajl package. BibTeX style for AJL*. 2019-03-02. LICENSE: lppl  
URL: <https://ctan.org/pkg/ajl>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/ajl.bst>
- Nebendahl, Olle. *The cms4talks package. Content Management System for Talks*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/cms4talks>  
MIRROR: <https://mirror.ctan.org/support/cms4talks>
- Nederlandstalige T<sub>E</sub>X Gebruikersgroep. *The ntg-maps package. The NTG's journal MAPS*. 2016-06-24. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/ntg-maps>  
MIRROR: <https://mirror.ctan.org/usergrps/ntg/maps>
- Neergaard, Peter Møller and Arne John Glenstrup. *The semantic package. Help for writing programming language semantics*. 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/semantic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantic>
- Neergaard, Peter Møller and Karel Horák. *The bbding package. A symbol (dingbat) font and L<sup>A</sup>T<sub>E</sub>X macros for its use*. 2016-06-24. Version 1.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/bbding>  
MIRROR: <https://mirror.ctan.org/fonts/bbding>
- Nesbitt, Kim. *The cje package. L<sup>A</sup>T<sub>E</sub>X document class for CJE articles*. 2018-02-23. Version 1.06. LICENSE: lppl1.3c. The article class allows authors to format their papers to Canadian Journal of Economics style with minimum effort. The class includes options for two other formats: "review" (double spaced, for use at the submission stage) and "proof" (used by the typesetters to prepare the proof authors will receive for approval).  
URL: <https://ctan.org/pkg/cje>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cje>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jhep>
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URL: <https://ctan.org/pkg/findbib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/findbib>
- Neteler, Markus. *The ps4mf package. Convert Adobe Type 1 fonts to Metafont*. 2016-06-24. Version 1.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/ps4mf>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/ps4mf>
- *The ps4mf-dos package. Convert Adobe Type 1 fonts to Metafont, MS-DOS version*. 2018-01-06. Version 2.8. LICENSE: gpl  
URL: <https://ctan.org/pkg/ps4mf-dos>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/ps4mf-dos>
- Nettles, William G. *The nucleardata package. Provides data about atomic nuclides for documents*. 2018-04-05. Version 1.1. LICENSE: lppl1.3. The package provides data and commands for including nuclear and atomic mass and energy data in L<sup>A</sup>T<sub>E</sub>X documents. It uses the package and requires to be called with the T<sub>E</sub>X file as the argument.  
URL: <https://ctan.org/pkg/nucleardata>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nucleardata>
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URL: <https://ctan.org/pkg/bibtool>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bibtool>
- *The crossword package. Typeset crossword puzzles*. 2022-09-13. Version 1.11. LICENSE: other-free  
URL: <https://ctan.org/pkg/crossword>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gene/crossword>



- Neugebauer, Gerd. *The ctan-o-mat package. Upload or validate a package for CTAN*. 2017-11-25. Version 1.2. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/ctan-o-mat>  
 MIRROR: <https://mirror.ctan.org/support/ctan-o-mat>
- *The eqname package. Name tags for equations*. 2016-06-24. LICENSE: other-free. The command provides a name tag for the current equation, in place of an equation number. The name tag will be picked up by a subsequent command.  
 URL: <https://ctan.org/pkg/eqname>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gene/eqname>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endiagram>
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MIRROR: <https://mirror.ctan.org/fonts/niceframe>
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 URL: <https://ctan.org/pkg/binarytree>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/binarytree>
- Nikunen, Martti. *The esint-type1 package. Font esint10 in Type 1 format.* 2016-06-24. LICENSE: pd. This is Eddie Soudrais's in Adobe Type 1 format. The Adobe Type 1 implementation was generated from the original Metafont using . This distribution does not contain the TFM files that are necessary to use the fonts with T<sub>E</sub>X; the TFM files can be generated from the Metafont sources obtained by following the instructions in the normal way.  
 URL: <https://ctan.org/pkg/esint-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/esint>
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 URL: <https://ctan.org/pkg/technics>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/technics>
- Nilsson, Robert. *The stables package. Simplified Plain T<sub>E</sub>X tables.* 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/stables>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/stables>
- Nitschke, Dirk. *The eqmark package. Generalise facilities for marking equation arrays.* 2016-06-24. Version 2.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/eqmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/eqmark>
- *The tsconfig package. Setup support for T<sub>E</sub>Xshell.* 2016-06-24. LICENSE: nocommercial. The tsconfig program tries to make the configuration of the by J. Schlegelmilch easier, especially if you have a lot of computers with different processors.  
 URL: <https://ctan.org/pkg/tsconfig>  
 MIRROR: <https://mirror.ctan.org/systems/win32/tsconfig>
- Noirel, Josselin. *The cellspace package. Ensure minimal spacing of table cells.* 2022-01-05. Version 1.9.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cellspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cellspace>
- *The cmdstring package. Get command name reliably.* 2016-06-24. Version 1.1. LICENSE: lppl. Extracts the letters of a command's name (e.g., for command ), in a reliable way.  
 URL: <https://ctan.org/pkg/cmdstring>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdstring>
  - *The xifthen package. Extended conditional commands.* 2016-06-24. Version 1.4.0. LICENSE: lppl. This package extends the package by implementing new commands to go within the first argument of : to test whether a string is void or not, if a command is defined or equivalent to another. The package also enables use of complex expressions as introduced by the package , together with the ability of defining new commands to handle complex tests.  
 URL: <https://ctan.org/pkg/xifthen>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xifthen>
  - *The xnewcommand package. Define \global and \protected commands with \newcommand.* 2016-06-24. Version 1.2. LICENSE: lppl. The package provides the means of defining and (e-TeX) commands, within the framework of L<sup>A</sup>T<sub>E</sub>X's standard .  
 URL: <https://ctan.org/pkg/xnewcommand>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xnewcommand>
  - *The xoptarg package. Expandable macros that take an optional argument.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xoptarg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xoptarg>
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 URL: <https://ctan.org/pkg/hang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hang>



- Nolda, Andreas. *The overlays package. Incremental slides*. 2021-02-23. Version 2.12. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/overlays>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/overlays>
- *The tagpair package. Word-by-word glosses, translations, and bibliographic attributions*. 2016-09-23. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tagpair>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tagpair>
- Noonburg, Derek B. *The xpdf package. Viewing and manipulating PDF files*. 2019-01-02. Version 3.04. LICENSE: gpl  
 URL: <https://ctan.org/pkg/xpdf>
- Nordenholz, Thiemo. *The r\_und\_s package. Chemical hazard codes*. 2016-06-24. Version 1.3i. LICENSE: other-free  
 URL: <https://ctan.org/pkg/r-und-s>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/r\\_und\\_s](https://mirror.ctan.org/macros/latex/contrib/r_und_s)
- Nordhoff, Sebastian. *The langsci package. Typeset books for publication with Language Science Press*. 2022-02-17. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/langsci>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/langsci>
- North, Nicolas. *The iso209 package. A document style for ISO standards*. 2016-06-24. Version 2.6. LICENSE: noinfo. An early predecessor of Wilson's .  
 URL: <https://ctan.org/pkg/iso209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/iso>
- Novak, Petr, Karel Horák, Lada Lhotka, and Petr Olšák. *The csfonts package. Czech/Slovak-tuned Computer Modern fonts*. 2017-04-18. LICENSE: gpl. The fonts are provided as Metafont source; Type 1 format versions () are also available.  
 URL: <https://ctan.org/pkg/csfonts>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts.tar.gz>
- Novikov, Mikael. *The bmstu package. A L<sup>A</sup>T<sub>E</sub>X class for Bauman Moscow State Technical University*. 2022-02-08. Version 1.0.0. LICENSE: lppl1.3,other-free  
 URL: <https://ctan.org/pkg/bmstu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bmstu>
- Novodvorsky, Aleksey and Andrej Shadura. *The babel-belarusian package. Babel support for Belarusian*. 2018-10-09. Version 1.5. LICENSE: lppl1.3c. The package provides support for use of in documents written in Belarusian.  
 URL: <https://ctan.org/pkg/babel-belarusian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/belarusian>
- Novotný, Vít. *The fibeamer package. Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)*. 2021-09-27. Version 1.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fibeamer>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/beamer-contrib/themes/fibeamer>
- *The fithesis package. Thesis class and template for Masaryk University (Brno, Czech Republic)*. 2022-08-17. Version 1.1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fithesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fithesis>
- *The lt3luabridge package. Execute Lua code in any T<sub>E</sub>X engine that exposes the shell*. 2022-10-24. Version 2.0.2. LICENSE: lppl1.3c. This is an (-generic) package for plain T<sub>E</sub>X, L<sup>A</sup>T<sub>E</sub>X, and ConT<sub>E</sub>Xt that allows you to execute Lua code in LuaT<sub>E</sub>X or any other T<sub>E</sub>X engine that exposes the shell.  
 URL: <https://ctan.org/pkg/lt3luabridge>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lt3luabridge>
- *The markdown package. A package for converting and rendering markdown documents inside T<sub>E</sub>X*. 2022-10-31. Version 2.18.0-0-gd8ae860. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/markdown>  
 MIRROR: <https://mirror.ctan.org/macros/generic/markdown>
- Novotný, Vít and Zdeněk Wagner. *The csbulletin package. L<sup>A</sup>T<sub>E</sub>X class for articles submitted to the CSTUG Bulletin (Zpravodaj)*. 2020-03-20. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/csbulletin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csbulletin>
- Nowacki, Janusz Marian. *The antp package. Antykwa Półtawskiego: a Type 1 family of Polish traditional type*. 2019-06-21. Version 0.50. LICENSE: pd  
 URL: <https://ctan.org/pkg/antp>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/psfonts/polish/antp>

- Nowacki, Janusz Marian. *The antt package. Antykwa Toruńska: a Type 1 family of a Polish traditional type*. 2016-06-24. Version 2.08. LICENSE: gfsf  
 URL: <https://ctan.org/pkg/antt>  
 MIRROR: <https://mirror.ctan.org/fonts/antt>
- *The cyklop package. The Cyclop typeface*. 2016-06-24. Version 0.915. LICENSE: gfl  
 URL: <https://ctan.org/pkg/cyklop>  
 MIRROR: <https://mirror.ctan.org/fonts/cyklop>
  - *The iwona package. A two-element sans-serif font*. 2018-06-16. Version 0.995b. LICENSE: gfl  
 URL: <https://ctan.org/pkg/iwona>  
 MIRROR: <https://mirror.ctan.org/fonts/iwona>
  - *The kurier package. A two-element sans-serif typeface*. 2018-06-16. Version 0.995b. LICENSE: gfl  
 URL: <https://ctan.org/pkg/kurier>  
 MIRROR: <https://mirror.ctan.org/fonts/kurier>
  - *The plpsfont package. Polish extension of CM fonts in Type 1 format*. 2016-06-24. Version 1.15. LICENSE: pd. This package is the Polish extension of the Computer Modern fonts (known as PL fonts), in Adobe Type 1 (PostScript) format. The fonts use the same .tfm files as for the . This release of fonts was adapted to the (mostly guessed) demands of the Windows environment, while keeping the fonts usable with T<sub>E</sub>X; however, encoding files are now added, as Windows and T<sub>E</sub>X use different encoding schemes.  
 URL: <https://ctan.org/pkg/plpsfont>  
 MIRROR: <https://mirror.ctan.org/language/polish/plpsfont>
  - *The poligraf package. A T<sub>E</sub>X macro package for prepress*. 2016-06-24. Version 2.0. LICENSE: pd. A set of macros (employing PostScript) supporting professional page preparation for prepress; includes color separation (it needs package), crop-marks, colour and grey scale bars, etc.  
 URL: <https://ctan.org/pkg/poligraf>  
 MIRROR: <https://mirror.ctan.org/macros/generic/T<sub>E</sub>X-PS/poligraf>
- Nüsken, Michael. *The computational-complexity package. Class for the journal Computational Complexity*. 2016-06-24. Version 2.25f. LICENSE: lpl1.2  
 URL: <https://ctan.org/pkg/computational-complexity>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/computational-complexity>
- Nyqvist, Robert. *The glossaries-swedish package. Swedish language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lpl1.3. Swedish language module for the package.  
 URL: <https://ctan.org/pkg/glossaries-swedish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-swedish>
- *The vxu package. Document classes for Vaxjo University*. 2016-06-24. Version 3.2. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/vxu>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/vxu>
- Oberdiek, Heiko. *The accsupp package. Better accessibility support for PDF files*. 2019-12-07. Version 0.6. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/accsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/accsupp>
- *The aliascnt package. Alias counters*. 2018-09-08. Version 1.5. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/aliascnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
  - *The alphalph package. Convert numbers to letters*. 2019-12-14. Version 2.6. LICENSE: lpl1.3. Provides commands and They are like but the expansion consists of lowercase and uppercase letters respectively (1 to a, 26 to z, 27 to aa, 52 to zz, 53 to ba, 702 to zz, 703 to aaa, etc.). Can be used as a replacement for L<sup>A</sup>T<sub>E</sub>X's and macros.  
 URL: <https://ctan.org/pkg/alphalph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alphalph>
  - *The atbegshi package. Execute stuff at \shipout time*. 2019-12-07. Version 1.19. LICENSE: lpl1.3. This package is a modern reimplementaion of package , providing various commands to be executed before a command. It makes use of e-T<sub>E</sub>X's facilities if they are available. The package may be used either with L<sup>A</sup>T<sub>E</sub>X or with plain T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/atbegshi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atbegshi>
  - *The atenddvi package. Provides the \AtEndDvi command*. 2020-11-12. Version 1.5. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/atenddvi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atenddvi>
  - *The attachfile2 package. Attach files into PDF*. 2019-11-27. Version 2.11. LICENSE: lpl1.3c. This package can be used to attach files to a PDF document. It is a further development of Scott Pakin's package for . Apart from bug fixes, this package adds support

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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



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



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

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

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

- Oberdiek, Heiko. *The uniquecounter package*. Provides unlimited unique counter. 2019-12-21. Version 1.4. LICENSE: lpll1.3  
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: lpll  
URL: <https://ctan.org/pkg/vpe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vpe>
- The zref package. A new reference scheme for L<sup>A</sup>T<sub>E</sub>X. 2022-04-07. Version 2.34. LICENSE: lpll1.3c  
URL: <https://ctan.org/pkg/zref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref>
- Oberdiek, Heiko, Oberdiek Package Support Group, and Sebastian Rahtz. *The nameref package*. Make reference to section names, etc. 2022-05-17. Version 2.50. LICENSE: lpll1.3. Defines a command, that makes reference to an object by its name (e.g., the title of a section or chapter). The package is part of the bundle, and works well with hyperref.  
URL: <https://ctan.org/pkg/nameref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko, Sebastian Rahtz, Oberdiek Package Support Group, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The hyperref package*. Extensive support for hypertext in L<sup>A</sup>T<sub>E</sub>X. 2022-09-22. Version 7.00t. LICENSE: lpll1.3  
URL: <https://ctan.org/pkg/hyperref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko and Bastien Roucariès. *The pax package*. Extract and reinsert PDF annotations with pdfTeX. 2022-06-07. LICENSE: lpll,gpl  
URL: <https://ctan.org/pkg/pax>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pax>
- Obrecht, Christian. *The eukleides package*. A geometry drawing system. 2018-09-15. Version 1.5.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/eukleides>  
MIRROR: <https://mirror.ctan.org/support/eukleides>
- The mafr package. Mathematics in accord with French usage. 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/mafr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mafr>
- The variations package. Typeset tables of variations of functions. 2016-06-24. Version 0.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/variations>  
MIRROR: <https://mirror.ctan.org/macros/generic/variations>
- Ochoa, Geri. *The beamertheme-cuernapack package*. A beamer theme with 4 colour palettes. 2018-01-07. LICENSE: lpll1.3  
URL: <https://ctan.org/pkg/beamertheme-cuernapack>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-cuernapack>
- Oetiker, Tobias. *The lshort package*. A short introduction to L<sup>A</sup>T<sub>E</sub>X 2ε. 2016-06-24. LICENSE: collection. Lshort started as a translation and rationalisation of a ground-breaking German-language introduction to L<sup>A</sup>T<sub>E</sub>X. It has since taken on a momentum of its own, and has itself been translated into a number of languages. Thus we have introductory text available to a wide proportion of the user community. The archive holds versions in , , , , , , , , , , , , , , and .  
URL: <https://ctan.org/pkg/lshort>  
MIRROR: <https://mirror.ctan.org/info/lshort>
- The lshort-english package. A (Not So) Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2ε. 2021-03-09. Version 6.4. LICENSE: gpl2  
URL: <https://ctan.org/pkg/lshort-english>  
MIRROR: <https://mirror.ctan.org/info/lshort/english>
- 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 Lektor.)  
URL: <https://ctan.org/pkg/timetab>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/timetab.sty>
- Oetiker, Tobias and Heiko Oberdiek. *The acronym package*. Expand acronyms at least once. 2020-04-11. Version 1.47. LICENSE: lpll1.3  
URL: <https://ctan.org/pkg/acronym>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acronym>
- Ofosu-Amaah, William. *The qfig package*. DOS graphics program. 2016-06-24. Version 1.1. LICENSE: other-free. Qfig is a DOS graphics program to generate output for and .  
URL: <https://ctan.org/pkg/qfig>  
MIRROR: <https://mirror.ctan.org/support/qfig>



- Ogawa, Arthur. *The ltxgrid package. Control of the page grid.* 2020-10-06. Version 4.1b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxgrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
- *The ltxutil package. L<sup>A</sup>T<sub>E</sub>X utility macros.* 2020-10-06. Version 4.1h. LICENSE: lppl1.3. A collection of L<sup>A</sup>T<sub>E</sub>X utilities; the package is distributed as part of the bundle.  
 URL: <https://ctan.org/pkg/ltxutil>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
  - *The psizzl package. A T<sub>E</sub>X format for physics papers.* 2016-06-24. Version 0.35. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psizzl>  
 MIRROR: <https://mirror.ctan.org/macros/psizzl>
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 URL: <https://ctan.org/pkg/ofs>  
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 URL: <https://ctan.org/pkg/olsak-misc>  
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URL: <https://ctan.org/pkg/xcolor-material>  
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 URL: <https://ctan.org/pkg/semantex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantex>
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 URL: <https://ctan.org/pkg/semtex>  
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  - *The stricttex package. Strictly balanced brackets and numbers in command names*. 2020-09-08. Version 0.2beta. LICENSE: lppl1.3c  
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 URL: <https://ctan.org/pkg/egameps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/egameps>
- *The latex-bnf package. L<sup>A</sup>T<sub>E</sub>X macros for typing BNF specifications*. 2016-06-24. Version 1.1a. LICENSE: noinfo. The package defines an environment . The contents of the environment is a context-free grammar, and the environment will pretty-print it.  
 URL: <https://ctan.org/pkg/latex-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
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 URL: <https://ctan.org/pkg/rputover>  
 MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/rputover>
  - *The sgame package. L<sup>A</sup>T<sub>E</sub>X style for typesetting strategic games*. 2017-04-18. Version 2.15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/sgame>  
 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>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/text2bib>
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 MIRROR: <https://mirror.ctan.org/support/texloganalyser>
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 URL: <https://ctan.org/pkg/otfinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>

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 URL: <https://ctan.org/pkg/ehline>  
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 URL: <https://ctan.org/pkg/labels4easylst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels4easylst>
  - *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>
  - *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>
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 URL: <https://ctan.org/pkg/arlatex>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The attachfile package. Attach arbitrary files to a PDF document*. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 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>  
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  - *The bytefield package. Create illustrations for network protocol specifications*. 2021-08-18. Version 2.7. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/bytefield>  
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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: lpl1.3c  
URL: <https://ctan.org/pkg/ctanify>  
MIRROR: <https://mirror.ctan.org/support/ctanify>
  - *The dashrule package. Draw dashed rules*. 2016-06-24. Version 1.3. LICENSE: lpl. The dashrule package makes it easy to draw a huge variety of dashed rules (i.e., lines) in L<sup>A</sup>T<sub>E</sub>X. dashrule provides a command, `\dashrule`, which is a cross between L<sup>A</sup>T<sub>E</sub>X's `\rule` and PostScript's `setdash` command. `\dashrule` draws horizontally dashed rules using the same syntax as `\rule`, but with an additional, `setdash`-like parameter that specifies the pattern of dash segments and the space between those segments. Because dashrule's rules are constructed internally using (as opposed to, e.g., PostScript `s`) they are fully compatible with every L<sup>A</sup>T<sub>E</sub>X back-end processor.  
URL: <https://ctan.org/pkg/dashrule>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrule>
  - *The dtxut package. Tutorial on writing .dtx and .ins files*. 2016-06-24. Version 2.1. LICENSE: lpl1.3. 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: lpl1.3c. 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: lpl1.3c  
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: lpl1.3c  
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: lpl. 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: lpl  
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: lpl  
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: lpl1.3c. 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>



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 URL: <https://ctan.org/pkg/mftinc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>
- *The newcommand package. Generate new L<sup>A</sup>T<sub>E</sub>X command definitions*. 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple -style commands, in L<sup>A</sup>T<sub>E</sub>X, is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
 URL: <https://ctan.org/pkg/newcommand>  
 MIRROR: <https://mirror.ctan.org/support/newcommand>
  - *The 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>
  - *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>  
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  - *The purifyeps package. Make EPS work with both L<sup>A</sup>T<sub>E</sub>X/dvips and pdfLaTeX*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/purifyeps>  
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  - *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. LaTeX’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 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>
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 URL: <https://ctan.org/pkg/uiucrdborder>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiucrdborder>
  - *The visualFAQ package. A Visual L<sup>A</sup>T<sub>E</sub>X FAQ*. 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a L<sup>A</sup>T<sub>E</sub>X question? The Visual L<sup>A</sup>T<sub>E</sub>X FAQ is an innovative new search interface that presents over a hundred typeset samples of frequently requested document formatting. Simply click on a hyperlinked piece of text and the Visual L<sup>A</sup>T<sub>E</sub>X FAQ will send your Web browser to the appropriate page in the .  
 URL: <https://ctan.org/pkg/visualfaq>  
 MIRROR: <https://mirror.ctan.org/info/visualfaq>
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>
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 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
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 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
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 URL: <https://ctan.org/pkg/bibweb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/bibweb>
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 URL: <https://ctan.org/pkg/ultratex>  
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 MIRROR: <https://mirror.ctan.org/fonts/cm-unicode>
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 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/literat>
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 URL: <https://ctan.org/pkg/cals>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parades>
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- Paternault, Louis. *The graph35 package*. Draw keys and screen items of several Casio calculators. 2018-04-29. Version 0.1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/graph35>  
 MIRROR: <https://mirror.ctan.org/graphics/graph35>
- *The pixelart package*. A package to draw pixel-art pictures. 2021-01-14. Version 0.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pixelart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
  - *The SpiX package*. Yet another  $\TeX$  compilation tool: simple, human readable, no option, no magic. 2020-07-28. Version 1.1.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/spix>  
 MIRROR: <https://mirror.ctan.org/support/spix>
  - *The thalie package*. Typeset drama plays. 2022-10-09. Version 0.12a. LICENSE: lppl1.3. The package provides tools to typeset drama plays. It defines commands to introduce characters' lines, to render stage directions, to divide a play into acts and scenes and to build the automatically.  
 URL: <https://ctan.org/pkg/thalie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thalie>
- Pearlmutter, Barak A. *The bibfile-reformat-pages package*. Puts .bib file page ranges into uniform format. 2016-06-24. LICENSE: gpl. This is a small gawk script to put all the page ranges in a file into a uniform format, either 1234-1256 or upon request 1234-56; null ranges such as 1234-1234 are always scrunched to just 1234. The script squeezes out spaces around the separator; can make all separators one- or two-hyphens upon request. The script is very conservative: it is probably impossible for it actually to mess up a file.  
 URL: <https://ctan.org/pkg/bibfile-reformat-pages>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>
- Pearson, George. *The asaetr package*. Transactions of the ASAE. 2016-06-24. Version 1.0a. LICENSE: pd  
 URL: <https://ctan.org/pkg/asaetr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asaetr>
- *The scientificviewer package*. MacKichan software viewer. 2016-06-24. LICENSE: nosource  
 URL: <https://ctan.org/pkg/scientificviewer>  
 MIRROR: <https://mirror.ctan.org/systems/win32/scientificviewer>
- Pease, Emma. *The phonetic package*. Metafont Phonetic fonts, based on Computer Modern. 2020-09-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phonetic>  
 MIRROR: <https://mirror.ctan.org/fonts/phonetic>
- *The tree-dvips package*. Trees and other linguists' macros. 2016-06-24. Version .91. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/tree-dvips>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>
- Péault, Olivier. *The mptrees package*. Probability trees with MetaPost. 2021-11-02. Version 21.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mptrees>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
- *The repere package*. Diagrams for school mathematics. 2022-07-08. Version 22.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/repere>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>
- Pecheur, Charles. *The outlines package*. Produce "outline" lists. 2016-06-24. Version 1.1. LICENSE: lppl. Defines an outline environment, which allows outline-style indented lists with freely mixed levels up to four levels deep. It replaces the nested / pairs by different



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

LICENSE: mit

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- URL: <https://ctan.org/pkg/xargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xargs>
- Pégourié-Gonnard, Manuel, Philipp Gesang, Élie Roux, David Carlisle, and Joseph Wright. *The luatexbase package. Basic resource management for LuaTeX code*. 2016-06-24. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luatexbase>  
MIRROR: <https://mirror.ctan.org/macros/latex/generic/luatexbase>
- Pégourié-Gonnard, Manuel and Christine Römer. *The lualatex-doc-de package. Guide to LuaL<sup>A</sup>T<sub>E</sub>X (German translation)*. 2016-06-24. Version 1.0. LICENSE: fdl. The document is a German translation of the . Coverage supports both new users and package developers. Apart from the introductory material, the document gathers information from several sources, and offers links to others.  
URL: <https://ctan.org/pkg/lualatex-doc-de>  
MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences*. 2022-03-22. Version 2.1.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bfh-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bfh-ci>
- *The mucproc package. Conference proceedings for the German MuC-conference*. 2017-04-18. Version 1.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mucproc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mucproc>
- *The tuda-ci package. L<sup>A</sup>T<sub>E</sub>X templates of Technische Universität Darmstadt*. 2022-11-04. Version 3.28. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tuda-ci>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tuda-ci>
- *The unigrazpub package. L<sup>A</sup>T<sub>E</sub>X templates for University of Graz Library Publishing Services*. 2022-10-16. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unigrazpub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unigrazpub>
- *The urcls package. Beamer and scr<sub>l</sub>tr2 classes and styles for the University of Regensburg*. 2019-02-01. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urcls>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/urcls>
- Peischl, Marei and Alex Antener. *The qrbill package. Create QR bills using L<sup>A</sup>T<sub>E</sub>X*. 2022-10-21. Version 1.07. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/qrbill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrbill>
- Peise, Elmar. *The drawmatrix package. Draw visual representations of matrices in L<sup>A</sup>T<sub>E</sub>X*. 2017-06-05. Version 1.5.0. LICENSE: mit  
URL: <https://ctan.org/pkg/drawmatrix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawmatrix>
- Penninga, Marc. *The fontools package. Tools to simplify using fonts (especially TT/OTF ones)*. 2022-01-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/fontools>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontools>
- *The truetypemetrics package. Metrics for some TrueType font families*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/truetypemetrics>  
MIRROR: <https://mirror.ctan.org/fonts/truetypemetrics>
- Pepping, Simon. *The ifacmtg package. Elsevier Science preprint style for IFAC meetings*. 2016-06-24. LICENSE: other-nonfree. To prepare a paper for an IFAC meeting, using L<sup>A</sup>T<sub>E</sub>X, the author needs a bibliography style such as .  
URL: <https://ctan.org/pkg/ifacmtg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifacmtg>
- Peregoudov, Iliya. *The cmcyr-patch package. A set of Type 1 Cyrillic fonts*. 2016-06-24. LICENSE: noinfo. This is a set of fonts, derived from a set within the ; the originals had encoding problems, and the package offers modified (working) versions.  
URL: <https://ctan.org/pkg/cmcyr-patch>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>
- Pereira, Gilles. *The CVsty package. Yet another style for easy CV pagination*. 2019-02-03. LICENSE: pd  
URL: <https://ctan.org/pkg/cvsty>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvsty>
- Perez-Duarte, Sebastien. *The ecta package. Bibliography style for submission to Econometrica*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/ecta>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>
- Peron, Jacques. *The luaoptions package. Option handling for LuaL<sup>A</sup>T<sub>E</sub>X packages*. 2022-11-02. Version 0.8. LICENSE: mit. This LuaL<sup>A</sup>T<sub>E</sub>X package provides extensive support for handling , on package level and locally. It allows the declaration of sets of options, along

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

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

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

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

2022-10-30. Version 1.1. LICENSE: mit

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

- Pichaureau, Paul. *The mathdesign package. Mathematical fonts to fit with particular text fonts*. 2016-06-24. Version 2.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mathdesign>  
 MIRROR: <https://mirror.ctan.org/fonts/mathdesign>
- *The Winfonts package. Use fonts distributed with Windows XP*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/winfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/winfonts>
- Piefel, Michael. *The lgrind package. Produce beautiful listings of source code with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 3.67. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/lgrind>  
 MIRROR: <https://mirror.ctan.org/support/lgrind>
- Pieper, Johannes, Johannes Kuhaupt, and André Hilbig. *The schule package. Support for teachers at German schools*. 2021-08-10. Version 0.8.3. LICENSE: lppl1.3. The ‘schule’ bundle was built to provide packages and commands that could be useful for documents in German schools. At the moment its main focus lies on documents for informatics as a school subject. An extension for physics is currently in progress. Extensions for other subjects are welcome. For the time being, the whole package splits up into individual packages for informatics (including syntax diagrams, Nassi–Shneiderman diagrams, sequence diagrams, object diagrams, and class diagrams) as well as classes for written exams (tests, quizzes, teaching observations, information sheets, worksheets, and answer keys).  
 URL: <https://ctan.org/pkg/schule>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schule>
- *The syntaxdi package. Create “railroad” syntax diagrams*. 2020-10-19. Version 0.8.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/syntaxdi>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
- Pierquet, Cédric. *The JeuxCartes package. Macros to insert playing cards*. 2022-11-02. Version 0.1.4. LICENSE: lppl1.3c,lgpl2.1,pd. This package provides macros to insert playing cards, single, or hand, or random-hand, Poker or French Tarot or Uno, from files.  
 URL: <https://ctan.org/pkg/jeuxcartes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jeuxcartes>
- *The Proflycee package. A L<sup>A</sup>T<sub>E</sub>X package for French maths teachers in high school*. 2022-11-04. Version 2.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/proflycee>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proflycee>
- Pieters, Olivier. *The dynamicnumber package. Dynamically typeset numbers and values in L<sup>A</sup>T<sub>E</sub>X through “symbolic links”*. 2017-04-18. Version 0.1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/dynamicnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
- *The limecv package. A (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class for curriculum vitæ*. 2021-12-01. Version 0.1.12. LICENSE: lppl1.3c. is a (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class to write curriculum vitæ. It is designed with the following design rules: simple, elegant and clean. To this end, it offers several environments and macros for convenience.  
 URL: <https://ctan.org/pkg/limecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/limecv>
- Pietro, Anthony Di. *The uwa-colours package. The colour palette of The University of Western Australia*. 2021-09-14. Version 1.0.0. LICENSE: lppl1.3. This package uses the package to define macros for the colour palette of The University of Western Australia.  
 URL: <https://ctan.org/pkg/uwa-colours>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uwa-colours>
- *The uwa-letterhead package. The letterhead of the University of Western Australia*. 2021-09-28. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-letterhead>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-letterhead>
  - *The uwa-pcf package. A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia*. 2021-09-29. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-pcf>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pcf>
  - *The uwa-pif package. A Participant Information Form (PIF) for a human research protocol at the University of Western Australia*. 2021-09-29. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-pif>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pif>
- Pietsch, Hannes. *The csvtolatex package. Link spread sheets to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.3. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/csvtolatex>  
 MIRROR: <https://mirror.ctan.org/support/csvtolatex>



- Piff, Mike. *The piff-ams package. Early macros for using AMS fonts.* 2018-01-06. Version 3.16. LICENSE: other-nonfree. This package was created (in its present form) after the advent of L<sup>A</sup>T<sub>E</sub>X 2e, but before the corresponding macros from the AMS itself had arrived. Those macros are now part of the standard L<sup>A</sup>T<sub>E</sub>X distribution as part of .  
 URL: <https://ctan.org/pkg/piff-ams>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/piff-ams>
- Piff, Mike and David Carlisle. *The piff package. Macro tools by Mike Piff.* 2018-09-13. LICENSE: pd  
 URL: <https://ctan.org/pkg/piff>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff>
- Piff, Mike, Robin Fairbairns, and David Carlisle. *The corrects package. Macros for marking correction sheets.* 2018-09-15. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/corrects>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/corrects>
- *The duplicat package. Make duplicate page numbers distinct.* 2018-09-13. LICENSE: pd  
 URL: <https://ctan.org/pkg/duplicat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff/duplicat.sty>
  - *The newproof package. Make commands to define proofs.* 2018-09-13. LICENSE: pd  
 URL: <https://ctan.org/pkg/newproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff/newproof.sty>
  - *The onepagem package. If the document has only one page, omit page number.* 2018-09-13. Version 1.01a. LICENSE: pd  
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MIRROR: <https://mirror.ctan.org/macros/generic/fenixpar>
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URL: <https://ctan.org/pkg/mkpattern>  
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MIRROR: <https://mirror.ctan.org/obsolete/fonts/aecc>
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URL: <https://ctan.org/pkg/babel-spanglish>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/babel-contrib/spanglish>
  - *The bgreek package. Using Beccari's fonts in betacode for classical Greek*. 2020-04-11. Version 0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/bgreek>  
MIRROR: <https://mirror.ctan.org/obsolete/language/greek/bgreek>
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URL: <https://ctan.org/pkg/ltxindex>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ltxindex>
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URL: <https://ctan.org/pkg/pdftex-djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp-contrib/pdftex-djgpp>
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URL: <https://ctan.org/pkg/spanish-mx>  
MIRROR: <https://mirror.ctan.org/obsolete/language/spanish/babel-contrib/spanish-mx>
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MIRROR: <https://mirror.ctan.org/fonts/cm/bbm>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/active-conf>
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URL: <https://ctan.org/pkg/addlines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/addlines>
  - *The asyfig package*. Commands for using Asymptote figures. 2016-06-24. Version 0.1c. LICENSE: lppl. The package provides a means of reading figures from separate files, rather than within the document, as is standard in the package, which is provided as part of the Asymptote bundle. The way can prove cumbersome in a large document; the present package allows the user to process one picture at a time, in simple test documents, and then to migrate (with no fuss) to their use in the target document.  
URL: <https://ctan.org/pkg/asyfig>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asyfig>
  - *The auto-pst-pdf package*. Wrapper for `pst-pdf` (with some `psfrag` features). 2020-10-08. Version 0.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/auto-pst-pdf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf>
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URL: <https://ctan.org/pkg/dtxgallery>  
MIRROR: <https://mirror.ctan.org/info/dtxgallery>
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URL: <https://ctan.org/pkg/environ>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/environ>
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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>

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 URL: <https://ctan.org/pkg/pracjournal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pracjournal>
- *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>
  - *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 vvwcol 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/vvwcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vvwcol>
  - *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 *LaTeX* 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>La</sub>TeX*. 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>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
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 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pstool>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- Robertson, Will and The *LaTeX* Project Team. *The fontspec package*. Advanced font selection in *X<sub>La</sub>TeX* 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>

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- URL: <https://ctan.org/pkg/appendix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/appendix>
- *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>
- Robertson, Will and Peter R. Wilson. *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 `\makeenvironment` and `\makeenvironmentlist` 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 `\midpage`.  
 URL: <https://ctan.org/pkg/midpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
- *The needspace package*. Insert pagebreak if not enough space. 2016-06-24. Version 1.3d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/needspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/needspace>
- *The newfile package*. User level management of 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>
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 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ethiop>
- Rosenau, Malte, Ulrich Dirr, and Walter A. Schmidt. *The bera package. Bera fonts*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bera>  
 MIRROR: <https://mirror.ctan.org/fonts/bera>
- Rosenberger, Johannes. *The wsemclassic package. L<sup>A</sup>T<sub>E</sub>X class for Bavarian school w-seminar papers*. 2017-04-18. Version 1.0.1. LICENSE: BSD  
 URL: <https://ctan.org/pkg/wsemclassic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wsemclassic>
- Rosmorduc, Serge. *The coptic package. Coptic Fonts*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/coptic>  
 MIRROR: <https://mirror.ctan.org/language/coptic/rosmorduc>
- *The hieroglyph package. Hieroglyph fonts and other support*. 2018-01-06. Version 3.5. LICENSE: gpl. HieroTeX is a system for typesetting ancient Egyptian hieroglyphs. It contains a hieroglyphic font, a number of style files, and a helper program in C called which allows one to type hieroglyphic texts using the ‘manuel de codage’, which is the current standard for encoding ancient Egyptian. The fonts in the base system are distributed as Metafont source, but Adobe type 1 versions are also provided.  
 URL: <https://ctan.org/pkg/hieroglyph>  
 MIRROR: <https://mirror.ctan.org/fonts/hieroglyph>



- Rossberg, Marcus. *The grundgesetze package. Typeset Frege's Grundgesetze der Arithmetik*. 2021-04-26. Version 1.03. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/grundgesetze>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grundgesetze>
- Rossel, Jost. *The byo-twemojis package. "Build Your Own Twemojis" with TikZ*. 2021-04-24. Version 1.0. LICENSE: cc-by-4,lppl1.3. This package provides the means to create your own emojis (the simple, round, and mostly yellow ones) from elements of existing emojis. The provided command creates a picture from the stated elements with multiple possibilities to modify the result in color and position.  
 URL: <https://ctan.org/pkg/byo-twemojis>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/byo-twemojis>
- Rossel, Jost. *The twemojis package. Use Twitter's open source emojis through L<sup>A</sup>T<sub>E</sub>X commands*. 2022-04-06. Version 1.3.1 (twemoji v14.0.1). LICENSE: lppl1.3,cc-by-4. This package provides a simple wrapper which allows to use Twitter's open source emojis through L<sup>A</sup>T<sub>E</sub>X commands. This relies on images, so no fancy unicode-font stuff is needed and it work on every installation.  
 URL: <https://ctan.org/pkg/twemojis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/twemojis>
- Roth, Mark. *The buscard package. A document style for business cards*. 2016-06-24. Version 1.5. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/buscard>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/buscard.sty>
- *The memo209 package. A memo document style*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/memo209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/memo>
- Roth, Sascha. *The harveyballs package. Create Harvey Balls using TikZ*. 2016-06-24. Version 1.1. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/harveyballs>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/harveyballs>
- Roucariès, Bastien. *The footmisx package. A range of footnote options*. 2016-12-06. Version 20161201. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/footmisx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footmisx>
- Rouquette, Maïeul. *The biblatex-anonymous package. A tool to manage anonymous work with BibLaTeX*. 2018-09-02. Version 2.6.2. LICENSE: lppl1.3. The package provides tools to help manage anonymous work with . It will be useful, for example, in history or classical philology.  
 URL: <https://ctan.org/pkg/biblatex-anonymous>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-anonymous>
- *The biblatex-bookinarticle package. Manage book edited in article*. 2017-04-18. Version 1.3.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-bookinarticle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bookinarticle>
- *The biblatex-bookinother package. Manage book edited in other entry type*. 2020-03-02. Version 2.3.3. LICENSE: lppl1.3. This package provides new BibL<sup>A</sup>T<sub>E</sub>X entry types and fields for book edited in other types, like for instance . It offers more types than the older package which it superseeds.  
 URL: <https://ctan.org/pkg/biblatex-bookinother>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bookinother>
- *The biblatex-claves package. A tool to manage claves of old litterature with BibLaTeX*. 2017-11-19. Version 1.2.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-claves>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-claves>
- *The biblatex-manuscripts-philology package. Manage classical manuscripts with BibLaTeX*. 2020-01-07. Version 2.1.2. LICENSE: lppl1.3. The package adds a new entry type: to manage manuscript in classical philology, for example to prepare a critical edition.  
 URL: <https://ctan.org/pkg/biblatex-manuscripts-philology>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-manuscripts-philology>
- *The biblatex-morenames package. New names for standard BibL<sup>A</sup>T<sub>E</sub>X entry type*. 2017-04-18. Version 1.3.1. LICENSE: lppl1.3. This package adds new fields of "name" type to the standard entry types of BibLaTeX. For example:  
 URL: <https://ctan.org/pkg/biblatex-morenames>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-morenames>
- *The biblatex-multiple-dm package. Load multiple datamodels in BibLaTeX*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-multiple-dm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-multiple-dm>
- *The biblatex-opcit-booktitle package. Use op. cit. for the booktitle of a subentry*. 2018-10-24. Version 1.9.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-opcit-booktitle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-opcit-booktitle>

- *The biblatex-reauthor package*. Indicate the real author of a work. 2017-11-20. Version 2.7.1a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biblatex-reauthor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-reauthor>
- *The biblatex-shortfields package*. Use short forms of fields with BibLaTeX. 2017-11-19. Version 1.0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biblatex-shortfields>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-shortfields>
- Rouquette, Maïeul. *The biblatex-source-division package*. References by “division” in classical sources. 2017-09-21. Version 2.4.2. LICENSE: lppl1.3. The package enables the user to make reference to “division marks” (such as , , ), in the document being referenced, in addition to the page-based references that BibTeX-based citations have always had. The citation is made in the same way as the L<sup>A</sup>T<sub>E</sub>X standard, but what’s inside the square brackets may include the “division” specification, as in  
URL: <https://ctan.org/pkg/biblatex-source-division>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-source-division>
- *The biblatex-subseries package*. Manages subseries with BibLaTeX. 2017-04-18. Version 1.2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biblatex-subseries>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-subseries>
- *The biblatex-true-citepages-omit package*. Correction of some limitation of the citepages=omit option of BibL<sup>A</sup>T<sub>E</sub>X styles. 2017-06-20. Version 2.0.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/biblatex-true-citepages-omit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-true-citepages-omit>
- *The eledform package*. Define textual variants. 2017-04-18. Version 1.1a. LICENSE: lppl1.3. The package provides commands to formalize textual variants in critical editions typeset using .  
URL: <https://ctan.org/pkg/eledform>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eledform>
- *The eledmac package*. Typeset scholarly editions. 2017-09-25. Version 1.24.12. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eledmac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eledmac>
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URL: <https://ctan.org/pkg/eledpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eledmac>
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- *The hook-pre-commit-pkg package*. Pre-commit git hook for L<sup>A</sup>T<sub>E</sub>X package developpers. 2017-04-18. Version 1.1.2. LICENSE: gpl3  
URL: <https://ctan.org/pkg/hook-pre-commit-pkg>  
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- *The indextools package*. Producing multiple indices. 2016-06-24. Version 1.5.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/indextools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/indextools>
- *The latex-sciences-humaines package*. (Xe)L<sup>A</sup>T<sub>E</sub>X Appliqué aux sciences humaines. 2016-06-24. LICENSE: nosource  
URL: <https://ctan.org/pkg/latex-sciences-humaines>  
MIRROR: <https://mirror.ctan.org/info/latex-sciences-humaines.pdf>
- *The reledmac package*. Typeset scholarly editions. 2022-02-04. Version 2.39.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/reledmac>  
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- *The reledpar package*. Typeset scholarly editions in parallel texts. 2022-04-22. Version 2.25.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/reledpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/reledmac>
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URL: <https://ctan.org/pkg/tlg2latex>  
MIRROR: <https://mirror.ctan.org/support/tlg2latex>
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URL: <https://ctan.org/pkg/facture>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/facture>
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- URL: <https://ctan.org/pkg/bibleref-french>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-french>
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URL: <https://ctan.org/pkg/pinlabel>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pinlabel>
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URL: <https://ctan.org/pkg/rlepsz>  
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- Rousseaux, Emmanuel. *The gsemthesis package. Geneva School of Economics and Management PhD thesis format*. 2020-09-01. Version 0.9.4. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gsemthesis>
- Roux, Élie, Philipp Gesang, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The lualibs package. Additional Lua functions for LuaT<sub>E</sub>X macro programmers*. 2022-10-04. Version 2.75. LICENSE: gpl2  
URL: <https://ctan.org/pkg/lualibs>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lualibs>
- Roux, Élie, Khaled Hosny, Manuel Pégourié-Gonnard, Will Robertson, Philipp Gesang, The L<sup>A</sup>T<sub>E</sub>X Project Team, Ulrike Fischer, and Marcel Krüger. *The luaotfload package. OpenType ‘loader’ for Plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2022-10-03. Version 3.23. LICENSE: gpl2  
URL: <https://ctan.org/pkg/luaotfload>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaotfload>
- Roux, Élie and Manuel Pégourié-Gonnard. *The luainputenc package. Replacing inputenc for use in LuaT<sub>E</sub>X*. 2017-04-18. Version 0.973. LICENSE: pd  
URL: <https://ctan.org/pkg/luainputenc>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luainputenc>
- *The luatextra package. Additional macros for Plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X in LuaT<sub>E</sub>X*. 2017-04-18. Version 1.0.1. LICENSE: pd  
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MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luatextra>
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URL: <https://ctan.org/pkg/gregoriotex>  
MIRROR: <https://mirror.ctan.org/support/gregoriotex>
- Rovner, Marc David. *The bit2spr package. Convert bitmaps to “sprites”*. 2016-06-24. LICENSE: noinfo. This simple program converts bitmaps in X-bitmap format to the format used by the package.  
URL: <https://ctan.org/pkg/bit2spr>  
MIRROR: <https://mirror.ctan.org/graphics/bit2spr>
- Rowlett, Peter. *The customdice package. Simple commands for drawing customisable dice*. 2022-08-12. Version 1.1. LICENSE: cc-by-sa-4. The package for L<sup>A</sup>T<sub>E</sub>X, LuaL<sup>A</sup>T<sub>E</sub>X and XeT<sub>E</sub>X that provides functionality for drawing dice. The aim is to provide highly-customisable but simple-to-use commands, allowing:  
URL: <https://ctan.org/pkg/customdice>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/customdice>
- *The nimsticks package. Draws sticks for games of multi-pile Nim*. 2022-08-14. Version 2.0.1. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X package provides commands to draw a single nim stick and which represents games of multi-pile Nim. Nim sticks are drawn with a little random wobble so they look ‘thrown together’ and not too regular. The package also provides options to customise the size and colour of the sticks, and flexibility to draw heaps of different objects.  
URL: <https://ctan.org/pkg/nimsticks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/nimsticks>
- Rowlett, Peter and Chris Sangwin. *The hexboard package. For drawing Hex boards and games*. 2022-02-23. Version 1.0. LICENSE: cc-by-sa-4  
URL: <https://ctan.org/pkg/hexboard>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hexboard>
- Rowley, Chris, Dominik Wujastyk, and Bradley Smith. *The fnpara package. Footnotes in paragraphs*. 2016-06-24. LICENSE: lppl1.3. Typeset footnotes in run-on paragraphs, instead of one above another; this is a re-seating, for the L<sup>A</sup>T<sub>E</sub>X environment, of an example in the T<sub>E</sub>Xbook. The same basic code, improved for use in -based L<sup>A</sup>T<sub>E</sub>X, appears in the comprehensive footnote package , and superior versions are also available in the and packages.  
URL: <https://ctan.org/pkg/fnpara>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnpara>

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 URL: <https://ctan.org/pkg/frenchponct>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchponct.sty>
- Royal Astronomical Society, Nadine Thompson, and Kim Clube. *The mnras package. Monthly Notices of the Royal Astronomical Society*. 2020-07-02. Version 3.1. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/mnras>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mnras>
- Rozhenko, Alexander I. *The afterpackage package. Add commands to package after it's loaded*. 2018-07-03. Version 1.1. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/afterpackage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
- *The dcounter package. Support dynamic counters*. 2018-07-03. Version 1.2. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/dcounter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The desclist package. Extended “description” lists*. 2018-07-03. Version 1.1. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/desclist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The extdash package. A range of dash commands for compound words*. 2018-07-03. Version 1.3. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/extdash>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The manyfoot package. Adds footnote levels to standard L<sup>A</sup>T<sub>E</sub>X’s footnote mechanism*. 2019-08-03. Version 1.11. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/manyfoot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The mboxfill package. Fill free space with a pattern*. 2018-07-03. Version 1.0. LICENSE: lpp1  
 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: lpp1. 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>
  - *The nccbbb package. “Poor man’s” blackboard bold*. 2018-07-03. Version 1.1. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/nccbbb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The nccboxes package. Elaborate box commands*. 2018-07-03. Version 1.2. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/nccboxes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The ncccomma package. Use comma as decimal separator in mathematics*. 2018-07-03. Version 1.0. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/ncccomma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The ncccropbox package. Crop-marked boxes*. 2018-07-03. Version 1.1. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/ncccropbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The ncccropmark package. Draw cropmarks on the output page*. 2018-07-03. Version 1.1. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/ncccropmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The nccfancyhdr package. Extensive control of page headers and footers*. 2018-07-03. Version 1.1. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/nccfancyhdr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The nccfloats package. Extensions of the L<sup>A</sup>T<sub>E</sub>X float mechanisms*. 2018-07-03. Version 1.2. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/nccfloats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncctools>
  - *The nccfoots package. User-generated footnote marks*. 2018-07-03. Version 1.2. LICENSE: lpp1  
 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>  
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- Rozhenko, Alexander I. *The nccparskip package. Modify skips between paragraphs.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccparskip>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The nccpic package. Extend the graphicx package for more formats.* 2018-09-15. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccpic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The nccrules package. Compose dashed lines.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccrules>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The nccsect package. A re-implementation of sections, captions and tocs.* 2018-07-03. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccsect>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The nccstretch package. Insert a stretch between each token of a string.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nccstretch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The nccthm package. Another theorem environment.* 2018-07-03. Version 1.1. LICENSE: lppl. This package’s theorems have two distinguishing characteristics. First, theorem numbering uses dynamic counters (specified by using the package, which gives the user considerable flexibility in counting styles. Second, the environment isn’t defined as a trivlist (as L<sup>A</sup>T<sub>E</sub>X theorems are), which gives extra flexibility in using the environment. In addition, parameter definition is explicit and well-organised, and there is a QED-symbol-placing command.  
 URL: <https://ctan.org/pkg/nccthm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The ncctools package. A collection of general packages for L<sup>A</sup>T<sub>E</sub>X.* 2019-08-03. Version 3.5.3. LICENSE: lppl. The NCCtools bundle contains many packages for general use under L<sup>A</sup>T<sub>E</sub>X; many are also used by . The bundle includes tools for:  
 URL: <https://ctan.org/pkg/ncctools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The textarea package. Control the text area dynamically.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/textarea>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The tocenter package. Centring (and other) Page Layout.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tocenter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The topsection package. An un-numbered top level section.* 2018-07-03. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/topsection>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- *The watermark package. Draw “watermarks” on the output page.* 2018-07-03. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/watermark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nccmath>
- Rubin, Paul A. *The decsci package. BibTeX style for the journal Decision Sciences.* 2016-06-24. LICENSE: lppl. Generated by .  
 URL: <https://ctan.org/pkg/decsci>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/decsci.bst>
- Ruckert, Martin. *The hitex package. A T<sub>E</sub>X extension writing HINT output for on-screen reading.* 2022-06-19. LICENSE: x11  
 URL: <https://ctan.org/pkg/hitex>
- *The web2w package. Converting T<sub>E</sub>X from WEB to cweb.* 2019-06-21. Version 0.4. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/web2w>  
 MIRROR: <https://mirror.ctan.org/web/web2w>
- Ruedas, Thomas. *The xtrcode package. Extract contents of L<sup>A</sup>T<sub>E</sub>X environments.* 2016-06-18. Version 0.02. LICENSE: gpl  
 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>

MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/bloques>

Ruland, Kevin. *The prettyref package. Make label references "self-identify"*. 2018-01-06. Version 3.0. LICENSE: pd. Prettyref provides a command , which specifies the way in which a reference is typeset, according to a label "identification". The identification is set in the command, by using prefixed label names; so instead of , one uses , and prettyref interprets the "" part. The package is compatible with and with other packages.

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

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

Rumpf, Adam. *The apalike-ejor package. A BibTeX style file for the European Journal of Operational Research*. 2021-06-21. Version 1.2.0. LICENSE: lppl1.3c. This package contains a BibTeX style file, , made to follow the European Journal of Operational Research reference style guidelines. It is a fork of version 0.99a, by Oren Patashnik, and consists of minor modifications of standard APA style. Among other changes it adds support for hyperlinked URL and DOI fields (which requires ).

URL: <https://ctan.org/pkg/apalike-ejor>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/apalike-ejor>

Rupprecht, Rainer. *The tex-kurs package. A L<sup>A</sup>T<sub>E</sub>X (2.09) course in German*. 2016-06-24. LICENSE: noinfo

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

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

Rutenberg, Guy. *The Sikumuna package. Lyx template for Hebrew article format*. 2016-06-24. Version 1.1. LICENSE: gpl

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

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

Ruzyczka, Jacek. *The texlogos package. Ready-to-use L<sup>A</sup>T<sub>E</sub>X logos*. 2016-06-24. Version 1.3.1. LICENSE: lppl

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

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

Ryabov, Denis. *The rmathbr package. Repeating of math operator at the broken line and the new line in inline equations*. 2020-12-18. Version 1.1.1. LICENSE: lppl1.3

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

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

Rynning, Jan Michael. *The sehyph package. Hyphenation patterns for Swedish*. 2016-06-18. Version 1.0. LICENSE: lppl

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

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

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>

— *The txfonts package. Times-like fonts in support of mathematics*. 2016-06-24. LICENSE: gpl

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

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

Saar, Enn. *The eehyph package. Hyphenation patterns for the Estonian language*. 2016-12-28. LICENSE: lppl,mit

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

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

Saba, Diego. *The tabularew package. A variation on the tabular environment*. 2016-06-24. Version 0.1. LICENSE: lppl

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

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

Sachs, Christian. *The luaimageembed package. Embed images as base64-encoded strings*. 2019-05-01. Version 0.1. LICENSE: mit

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

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

Saint-Pern, Yves de. *The droit-fr package. Document class and bibliographic style for French law*. 2016-07-05. Version 1.2. LICENSE: lppl1.3

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

Šakuras, Edgaras, Eimantas Gumbakis, and Djalil Chafaï. *The ejpecp package. Class for EJP and ECP*. 2021-11-04. Version 1.11.3. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/ejpecp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ejpecp>

Salamon, Adrian. *The tikzcodeblocks package. Helps to draw codeblocks like scratch, NEPO and PXT in TikZ*. 2020-04-06. Version 0.13. LICENSE: lppl1.3c. is a L<sup>A</sup>T<sub>E</sub>X package for typesetting blockwise graphic programming languages like scratch, nepo or pxt.  
URL: <https://ctan.org/pkg/tikzcodeblocks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzcodeblocks>

Salimi, behzad. *The sslides package. Slides with headers and footers*. 2016-06-24. LICENSE: lppl1.3. The class provides a variant of the L<sup>A</sup>T<sub>E</sub>X standard class, in which the user may add headers and footers to the slide.  
URL: <https://ctan.org/pkg/sslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sslides>

Salomon, Joel C. *The xpeek package. Define commands that peek ahead in the input stream*. 2021-08-26. Version 0.2. LICENSE: lppl1.3. The package provides tools to help define commands that, like and the L<sup>A</sup>T<sub>E</sub>X command , peek at what follows them in the command stream and choose appropriate behaviour.  
URL: <https://ctan.org/pkg/xpeek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xpeek>

Saludes, Jordi. *The knst package. Multiple-guess tests*. 2021-08-26. LICENSE: noinfo  
URL: <https://ctan.org/pkg/knst>  
MIRROR: <https://mirror.ctan.org/macros/generic/knst>

Salvato-Vallverdu, Germain. *The tikzorbtal package. Atomic and molecular orbitals using TikZ*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/tikzorbtal>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzorbtal>

Salzer, Gernot and Federico Garcia-De Castro. *The subfiles package. Individual typesetting of subfiles of a “main” document*. 2020-11-15. Version 2.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/subfiles>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subfiles>

Samarin, Alexander and Nana Glonti. *The scyrillic package. A family of cyrillic fonts*. 2016-06-24. LICENSE: noinfo  
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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scale>

Sank, Daniel Thomas. *The modular package. Relative section headings for modular documents*. 2017-06-05. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/modular>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modular>

Santos, Isabelle M. *The TikZ-planets package. Illustrate celestial mechanics and the solar system*. 2020-04-19. Version 1.0.2. LICENSE: cc-by-sa-4  
URL: <https://ctan.org/pkg/tikz-planets>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-planets>

Santos, Vitor. *The kinematikz package. Design kinematic chains and mechanisms*. 2021-09-11. Version 1.0. LICENSE: lppl1.3,gpl  
URL: <https://ctan.org/pkg/kinematikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kinematikz>

Saparamadu, Vasantha. *The sinhala package. Support for the Sinhala language*. 2020-03-09. Version 2.1.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/sinhala>  
MIRROR: <https://mirror.ctan.org/language/sinhala>

Sartori, Alberto and David Lichti. *The embedall package. Embed source files into the generated PDF*. 2019-05-20. Version 2.0. LICENSE: lppl1.2. The package provides a means of storing a project, without losing anything. It uses the package to attach to the generated PDF all files used in creating your project. In particular, it can embed images, external T<sub>E</sub>X files, external codes and  
URL: <https://ctan.org/pkg/embedall>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedall>

- Sathyam, Ujwal and Scott A. Prahl. *The rtf2latex2e package. Convert Rich Text Format (RTF) files to L<sup>A</sup>T<sub>E</sub>X2e*. 2016-06-24. Version 2.0.1. LICENSE: gpl. The package converts Rich Text Format (RTF) files to L<sup>A</sup>T<sub>E</sub>X2e, saving any image files it finds. Visual formatting, such as ruler positions, tabs, paragraph indentations, etc., is ignored. Users should expect the L<sup>A</sup>T<sub>E</sub>X output to need some manual editing; the result is a reproduction of what you see on the WYSIWYG screen.  
URL: <https://ctan.org/pkg/rtf2latex2e>  
MIRROR: <https://mirror.ctan.org/support/rtf2latex2e>
- Satrapa, Pavel. *The latex-pro-pragmatiky package. L<sup>A</sup>T<sub>E</sub>X for pragmatists*. 2016-06-24. Version 1.1. LICENSE: other-free  
URL: <https://ctan.org/pkg/latex-pro-pragmatiky>  
MIRROR: <https://mirror.ctan.org/info/czech/latex-pro-pragmatiky>
- Saudrais, Eddie. *The esdiff package. Simplify typesetting of derivatives*. 2020-02-11. Version 1.2. LICENSE: lppl1  
URL: <https://ctan.org/pkg/esdiff>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esdiff>
- *The esint package. Extended set of integrals for Computer Modern*. 2019-08-28. Version 1.2d. LICENSE: lppl  
URL: <https://ctan.org/pkg/esint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esint>
  - *The esvect package. Vector arrows*. 2016-06-24. Version 1.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/esvect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esvect>
- Sauer, Jonathan. *The collect package. Collect text for later re-use*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/collect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- *The metainfo package. Typeset document outline with metainfo*. 2016-06-24. Version 0.9.1. LICENSE: lppl. The package picks up T<sub>E</sub>X comments in document that are structured according to its rules, and typesets them. Operation is (typically in a separate document).  
URL: <https://ctan.org/pkg/metainfo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
  - *The optparams package. Macros with multiple optional parameters*. 2016-06-24. LICENSE: lppl  
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  
URL: <https://ctan.org/pkg/parcolumns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
  - *The processkv package. Process key-value pairs*. 2016-06-24. Version 1.0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/processkv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
  - *The sauerj package. A bundle of utilities by Jonathan Sauer*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/sauerj>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
  - *The zahl2string package. Format numbers as German words*. 2016-06-24. Version 1.2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/zahl2string>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- Sauter, John and Jeroen Nijhof. *The sauter package. Wide range of design sizes for CM fonts*. 2016-06-24. Version 2.4. LICENSE: gpl  
URL: <https://ctan.org/pkg/sauter>  
MIRROR: <https://mirror.ctan.org/fonts/cm/sauter>
- Saxena, Sanjeev. *The 2in1 package. Print two pages on a single page*. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/twainone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/twainone>
- Scannell, Kevin P. *The gahyph package. Hyphenation patterns for the Irish language*. 2018-10-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/gahyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/gahyph.tex>
- Scarso, Luigi and Idris Samawi Hamid. *The npp-for-context package. ConTeXt plugin for Notepad++*. 2019-06-21. Version 0.98. LICENSE: noinfo  
URL: <https://ctan.org/pkg/npp-for-context>  
MIRROR: <https://mirror.ctan.org/support/npp-for-context>
- Scavino, Marco and Ezio Aimé. *The ecgdraw package. Draws electrocardiograms (ECG)*. 2018-01-07. Version 0.1. LICENSE: lppl1.3. This package provides the command which draws electrocardiograms (ECG). The <code> represents a series of abbreviations which

- allow to draw different types of wave.  
 URL: <https://ctan.org/pkg/ecgdraw>  
 MIRROR: <https://mirror.ctan.org/graphics/ecgdraw>
- Schaa, Volker RW. *The jacow package. A class for submissions to the proceedings of conferences on JACoW.org*. 2022-04-17. Version 2.7. LICENSE: lpl1.3c. The class is used for submissions to the proceedings of conferences on , an international collaboration that publishes the proceedings of accelerator conferences held around the world.  
 URL: <https://ctan.org/pkg/jacow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jacow>
- Schaber, Spencer D. *The aichej package. Bibliography style file for the AIChE Journal*. 2016-06-24. LICENSE: lpl1. The style was generated using , and implements the style of the American Institute of Chemical Engineers Journal (or AIChE Journal or AIChE J or AIChEJ).  
 URL: <https://ctan.org/pkg/aichej>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aichej.bst>
- Schalück, Elmar. *The loval package. Round-cornered framed boxes*. 2016-06-24. Version 1.1. LICENSE: noinfo. This appears to be an upgrade of the author's package. It certainly performs better than that package; however, it is prone to tedious (and information-free) warning messages.  
 URL: <https://ctan.org/pkg/loval>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/loval>
- *The oval package. Round-cornered framed boxes*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/oval>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/oval>
  - *The window package. Create windows in paragraphs*. 2016-06-24. LICENSE: noinfo. The package defines a command that will insert boxed material at a given position within a paragraph.  
 URL: <https://ctan.org/pkg/window>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/window>
- Schandl, Bernd. *The paralist package. Enumerate and itemize within paragraphs*. 2017-01-22. Version 2.7. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/paralist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paralist>
- Scharrer, Martin. *The adjustbox package. Graphics package-alike macros for "general" boxes*. 2022-10-26. Version 1.3a. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/adjustbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adjustbox>
- *The collcell package. Collect contents of a tabular cell as argument to a macro*. 2022-10-26. Version 0.5. LICENSE: lpl1.3. The package provides macros that collect the content of a cell, and offer them as an argument to a macro. Special care is taken to remove all aligning macros inserted by from the cell content. The macros also work in the last column of a table, but do not support verbatim material inside the cells.  
 URL: <https://ctan.org/pkg/collcell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collcell>
  - *The collectbox package. Collect and process macro arguments as boxes*. 2022-10-26. Version 0.4c. LICENSE: lpl1.3  
 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: lpl1.3c  
 URL: <https://ctan.org/pkg/currfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/currfile>
  - *The easyfig package. Simplifying the use of common figures*. 2022-10-26. Version 1.2a. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/easyfig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easyfig>
  - *The filehook package. Hooks for input files*. 2022-10-26. Version 0.8b. LICENSE: lpl1.3c. The package provides several file hooks ( , ... ) for files read by , and . General hooks for all such files (e.g. all d ones) and file specific hooks only used for named files are provided; two hooks are provided for the end of d files — one before, and one after the final .  
 URL: <https://ctan.org/pkg/filehook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filehook>
  - *The filemod package. Provide file modification times, and compare them*. 2022-10-26. Version 1.2. LICENSE: lpl1.3. The package provides macros to read and compare the modification dates of files. The files may be files, images or other files (as long as they



can be found by L<sup>A</sup>T<sub>E</sub>X). It uses the primitive of pdfL<sup>A</sup>T<sub>E</sub>X to find the file modification date as PDF date string, parses the string and returns the value to the user. The package will also work for output with recent versions of the L<sup>A</sup>T<sub>E</sub>X compiler which uses pdfL<sup>A</sup>T<sub>E</sub>X in mode. The functionality is provided by purely expandable macros or by faster but non-expandable ones.

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

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

Scharrer, Martin. *The ginc1tex package. Include T<sub>E</sub>X files as graphics (.tex support for \includegraphics)*. 2022-10-26. Version 0.3. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/ginc1tex>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginc1tex>

— *The gobble package. More gobble macros for PlainT<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2022-10-26. Version 0.2. LICENSE: lppl1.3

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

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

— *The ifoddpage package. Determine if the current page is odd or even*. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides an conditional to determine if the current page is odd or even. The macro must be used direct before to check the page number using a label. Two compiler runs are therefore required to achieve correct results. In addition, the conditional is provided which is also true in oneside mode where all pages use the odd page layout.

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

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

— *The lstaddons package. Add-on packages for listings: autogobble and line background*. 2022-10-26. Version 0.1. LICENSE: lppl1.3. The bundle contains a small collection of add-on packages for the package. Current packages are:

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

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

— *The macros2e package. A list of internal L<sup>A</sup>T<sub>E</sub>X2e macros*. 2022-10-26. Version 0.4a. LICENSE: lppl1.3c. This document lists the internal macros defined by the L<sup>A</sup>T<sub>E</sub>X2e base files which can also be useful to package authors. The macros are hyper-linked to their description in . For this to work both PDFs must be inside the same directory. This document is not yet complete in content and format and may miss some macros.

URL: <https://ctan.org/pkg/macros2e>

MIRROR: <https://mirror.ctan.org/info/macros2e>

— *The multienv package. Multiple environments using a “key=value” syntax*. 2022-10-26. Version 1.0. LICENSE: lppl1.3. The package provides a environment which permits easy addition of multiple environments using a syntax. Macros to define environments using this syntax are also provided.

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

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

— *The mwe package. Packages and image files for MWEs*. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)T<sub>E</sub>X document. This allows different users to share MWEs which include image commands, without the need to share image files or to use replacement code.

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

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

— *The newverbs package. Define new versions of \verb, including short verb versions*. 2022-10-26. Version 1.6a. LICENSE: lppl1.3c

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

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

— *The rcs-multi package. Typeset RCS version control in multiple-file documents*. 2022-10-26. Version 0.1a. LICENSE: lppl

URL: <https://ctan.org/pkg/rcs-multi>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs-multi>

— *The realboxes package. Variants of common box-commands that read their content as real box and not as macro argument*. 2022-10-26. Version 0.2. LICENSE: lppl1.3

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

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

— *The standalone package. Compile T<sub>E</sub>X pictures stand-alone or as part of a document*. 2022-10-11. Version 1.3b. LICENSE: lppl1.3

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

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

— *The storebox package. Storing information for reuse*. 2022-10-26. Version 1.3a. LICENSE: lppl1.3

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

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



- *The sty2dtx package. Create a .dtx file from a .sty file.* 2022-10-26. Version 2.4. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/sty2dtx>  
 MIRROR: <https://mirror.ctan.org/support/sty2dtx>
- Scharrer, Martin. *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.  
 URL: <https://ctan.org/pkg/svn-prov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-prov>
- *The texdef package. Display the definitions of T<sub>E</sub>X commands.* 2022-10-26. Version 1.9. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/texdef>  
 MIRROR: <https://mirror.ctan.org/support/texdef>
- *The tikz-timing package. Easy generation of timing diagrams as TikZ pictures.* 2022-10-26. Version 0.7f. LICENSE: lppl. This package provides macros and an environment to generate timing diagrams (digital waveforms) without much effort. The package is used to produce the graphics. The diagrams may be inserted into text (paragraphs, , etc.) and into tikzpictures. A tabular-like environment is provided to produce larger timing diagrams.  
 URL: <https://ctan.org/pkg/tikz-timing>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-timing>
- *The tikzpagenodes package. A single TikZ node for the whole page.* 2022-10-26. Version 1.1. LICENSE: lppl. The package provides special PGF/TikZ nodes for the text, marginpar, footer and header area of the current page. They are inspired by the ‘current page’ node defined by itself.  
 URL: <https://ctan.org/pkg/tikzpagenodes>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpagenodes>
- *The ydoc package. Macros for documentation of L<sup>A</sup>T<sub>E</sub>X classes and packages.* 2022-11-01. Version 0.7alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ydoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ydoc>
- Schaum, Charles P. *The nameauth package. Name authority mechanism for consistency in body text and index.* 2021-02-27. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nameauth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
- *The schemata package. Print topical diagrams.* 2021-02-27. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schemata>  
 MIRROR: <https://mirror.ctan.org/macros/generic/schemata>
- Scheidt, Martin. *The tikz-trackschematic package. A TikZ library for creating track diagrams in railways.* 2022-06-02. Version 0.7.1. LICENSE: isc  
 URL: <https://ctan.org/pkg/tikz-trackschematic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-trackschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package. Footnote numbering per page.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/pagefoots>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>
- Schenk, Christian. *The miktex package. A free T<sub>E</sub>X distribution for MS-Windows.* 2022-08-04. Version 22.7. LICENSE: other-free  
 URL: <https://ctan.org/pkg/miktex>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- *The miktex-portable package. A version of MikTeX to carry around.* 2022-10-29. Version 22.10. LICENSE: other-free. The portable edition allows you to run MiKTeX from a portable storage device. Please note that there is no separate installer. Just download the standard installer and rename it to .  
 URL: <https://ctan.org/pkg/miktex-portable>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-22.10-x64.exe>
- Schenk, Stephan. *The chembst package. A collection of BibT<sub>E</sub>X files for chemistry journals.* 2016-06-24. Version 0.2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/chembst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
- *The chemcompounds package. Simple consecutive numbering of chemical compounds.* 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds. Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.

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URL: <https://ctan.org/pkg/amiweb2c>  
MIRROR: <https://mirror.ctan.org/systems/amiga/amiweb2c>
- *The cwebbin package. CWEB for ANSI-C/C++ compilers*. 2022-01-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/cwebbin>
  - *The knuth-hint package. HINT collection of typeset C/WEB sources in T<sub>E</sub>X Live*. 2022-04-07. Version 1.0. LICENSE: pd,knuth  
URL: <https://ctan.org/pkg/knuth-hint>  
MIRROR: <https://mirror.ctan.org/info/knuth-hint>
  - *The knuth-pdf package. PDF collection of typeset C/WEB sources in T<sub>E</sub>X Live*. 2022-04-06. Version 2.0. LICENSE: pd  
URL: <https://ctan.org/pkg/knuth-pdf>  
MIRROR: <https://mirror.ctan.org/info/knuth-pdf>
  - *The pwebmac package. Consolidated WEB macros for DVI and PDF output*. 2022-06-26. Version 4.8.1. LICENSE: pd  
URL: <https://ctan.org/pkg/pwebmac>  
MIRROR: <https://mirror.ctan.org/web/pwebmac>
- 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>
- Schlemmer, Tobias. *The tsemlines package. Support for the ancient \emline macro*. 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/tsemlines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tsemlines>
- Schlicht, Robert. *The euroitc package. L<sup>A</sup>T<sub>E</sub>X interface for the ITC euro font symbols*. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/euroitc>  
MIRROR: <https://mirror.ctan.org/fonts/euroitc>
- *The microtype package. Subliminal refinements towards typographical perfection*. 2022-06-23. Version 3.0f. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/microtype>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/microtype>
- Schlömer, Nico. *The auto1 package. L<sup>A</sup>T<sub>E</sub>X support for Underware Auto 1 fonts*. 2018-01-06. Version 0.2. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/auto1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/auto1>
- *The tex-font-errors-cheatsheet package. Cheat sheet outlining the most common T<sub>E</sub>X font errors*. 2019-02-13. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/tex-font-errors-cheatsheet>  
MIRROR: <https://mirror.ctan.org/info/tex-font-errors-cheatsheet>
- Schmeing, Michael. *The mversion package. Keeping track of document versions*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/mversion>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mversion>
- Schmid, Hanspeter. *The hpsdiss package. A dissertation class*. 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/hpsdiss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hpsdiss>
- *The sfg package. Draw signal flow graphs*. 2018-09-15. Version 0.91. LICENSE: lppl. Defines some commands to draw signal flow graphs as used by electrical and electronics engineers and graph theorists. Requires and packages (and a relatively fast machine).

- URL: <https://ctan.org/pkg/sfg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfg>
- Schmidt, Jan. *The tikz-palattice package. Draw particle accelerator lattices with TikZ*. 2017-03-09. Version 2.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-palattice>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-palattice>
- Schmidt, Walter A. *The epmtfe package. TeX environment for OS/2*. 2016-06-24. Version 5.4. LICENSE: other-free. The EPM  $\TeX$  Front End is an additional module for the OS/2 ‘Enhanced Editor’ (EPM), v6.03, turning the editor into a powerful integrated  $\TeX$  environment that can be used in conjunction with , or another OS/2  $\TeX$  system.  
URL: <https://ctan.org/pkg/epmtfe>  
MIRROR: <https://mirror.ctan.org/systems/os2/epmtfe>
- *The icomma package. Intelligent commas for decimal numbers*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/icomma>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
  - *The mathppl package. Use PostScript Palatino for typesetting maths*. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/mathppl>
- Schmidt, Walter A., Patrick Gundlach, and Marco Daniel. *The lshort-german package. German version of A Short Introduction to L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>: L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>-Kurzbeschreibung*. 2020-06-17. Version 3.0c. LICENSE: opl  
URL: <https://ctan.org/pkg/lshort-german>  
MIRROR: <https://mirror.ctan.org/info/lshort/german>
- Schmidt, Walter A. and Keiran Harcombe. *The augie package. Calligraphic font for typesetting handwriting*. 2021-12-28. LICENSE: lppl  
URL: <https://ctan.org/pkg/augie>  
MIRROR: <https://mirror.ctan.org/fonts/augie>
- *The ccfonts package. Support for Concrete text and math fonts in L<sup>A</sup>T<sub>E</sub>X*. 2022-01-26. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X font definition files for the Concrete fonts and a L<sup>A</sup>T<sub>E</sub>X package for typesetting documents using Concrete as the default font family. The files support OT1, T1, TS1, and Concrete mathematics including AMS fonts (Ulrik Vieth’s ).  
URL: <https://ctan.org/pkg/ccfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
  - *The cmbright package. Computer Modern Bright fonts*. 2021-12-07. Version 8.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/cmbright>  
MIRROR: <https://mirror.ctan.org/fonts/cmbright>
  - *The cmsd package. Interfaces to the CM Sans Serif Bold fonts*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/cmsd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmsd>
  - *The DayRoman package. The Day Roman typeface*. 2021-12-07. LICENSE: other-free  
URL: <https://ctan.org/pkg/dayroman>  
MIRROR: <https://mirror.ctan.org/fonts/DayRoman>
  - *The dictsym package. DictSym font and macro package*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/dictsym>  
MIRROR: <https://mirror.ctan.org/fonts/dictsym>
  - *The ecc package. Sources for the European Concrete fonts*. 2021-12-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/ecc>  
MIRROR: <https://mirror.ctan.org/fonts/ecc>
  - *The eulervm package. Euler virtual math fonts*. 2021-12-07. Version 4.0. LICENSE: lppl. The well-known Euler fonts are suitable for typesetting mathematics in conjunction with a variety of text fonts which do not provide mathematical character sets of their own. Euler-VM is a set of mathematics fonts based on Euler and CM. This approach has several advantages over immediately using the Euler fonts: Most noticeably, less  $\TeX$  resources are consumed, the quality of various math symbols is improved and a usable symbol can be provided. The virtual fonts are accompanied by a L<sup>A</sup>T<sub>E</sub>X package which makes them easy to use, particularly in conjunction with Type1 PostScript text fonts. They are compatible with . A package option allows the fonts to be loaded at 95% of their nominal size, thus blending better with certain text fonts, e.g., Minion.  
URL: <https://ctan.org/pkg/eulervm>  
MIRROR: <https://mirror.ctan.org/fonts/eulervm>
  - *The eurosans package. Interface to Adobe’s sans-serif Euro font*. 2021-12-07. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/eurosans>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurosans>

- *The fixmath package. Make maths comply with ISO 31-0:1992 to ISO 31-13:1992.* 2022-10-16. Version 0.9.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fixmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixmath>
- Schmidt, Walter A. and Keiran Harcombe. *The gensymb package. Generic symbols for both text and math mode.* 2022-10-17. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gensymb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gensymb>
- *The hvmath package. Support for using the Micropress HV-Math fonts (Helvetica Maths).* 2021-12-07. Version 1.5. LICENSE: lppl. Typeset math in a style that suits the Adobe Helvetica text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
 URL: <https://ctan.org/pkg/hvmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/hvmath>
- *The lucida package. Metrics, etc., for Lucida Bright and Lucida Math.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lucida>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/bh/lucida>
- *The psnfss-source package. Sources of the metrics used in PSNFSS.* 2021-12-07. Version 9.2. LICENSE: lppl. The package comprises the makefiles, fontinst scripts and AFM files used to build the .  
 URL: <https://ctan.org/pkg/psnfss-source>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/psnfss-source>
- *The tmmath package. Support for using the Micropress TM-Math fonts.* 2021-12-07. Version 2.4. LICENSE: lppl. Support for typesetting math in a style that suits the Adobe Times text fonts. Commercial (Adobe type 1) versions of the HV-Math fonts are available from Micropress; free bitmap versions of the fonts from the directories.  
 URL: <https://ctan.org/pkg/tmmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/tmmath>
- *The upgreek package. Upright Greek letters.* 2021-12-07. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/upgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
- *The urw-garamond package. URW Garamond No8 Adobe Type 1 fonts.* 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/urw-garamond>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/garamond>
- *The w-a-schmidt package. A collection of metrics for commercial fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/w-a-schmidt>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/w-a-schmidt>
- *The was package. A collection of small packages by Walter Schmidt.* 2022-10-12. LICENSE: collection  
 URL: <https://ctan.org/pkg/was>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/was>
- Schmidt, Walter A., Keiran Harcombe, Charles Bigelow, and Kris Holmes. *The LuxiMono package. Free monospace fonts.* 2021-12-07. LICENSE: other-nonfree. LuxiMono is a family of general-purpose monospaced (typewriter) fonts. This distribution contains the fonts in Adobe Type 1 format, and , and L<sup>A</sup>T<sub>E</sub>X-related files are also provided.  
 URL: <https://ctan.org/pkg/luximono>  
 MIRROR: <https://mirror.ctan.org/fonts/LuxiMono>
- Schmidt, Walter A., Keiran Harcombe, and Pierre A. MacKay. *The ibygrk package. Fonts and macros to typeset ancient Greek.* 2021-12-07. Version 4.5. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ibygrk>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/ibygrk>
- Schmidt, Walter A., Keiran Harcombe, and Sebastian Rahtz. *The psnfssx package. Extra styles and encodings for PostScript fonts.* 2021-12-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psnfssx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx>
- Schmidt, Walter A., Keiran Harcombe, The L<sup>A</sup>T<sub>E</sub>X Project Team, and Sebastian Rahtz. *The psnfss package. Font support for common PostScript fonts.* 2021-12-08. Version 9.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psnfss>  
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MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., Rolf Niepraschk, Hubert Gäßlein, and Jürgen Schlegelmilch. *The leaflet package. Create small handouts (flyers).* 2020-11-07. Version 2.1a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/leaflet>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leaflet>
- Schmidt, Walter A. and Norbert Preining. *The yfonts package. Support for old German fonts.* 2019-04-04. Version 1.4. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X interface to the old-german fonts designed by Yannis Haralambous: , , and the .  
URL: <https://ctan.org/pkg/yfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yfonts>
- Schmidt, Walter A. and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fix-cm package. Permit Computer Modern fonts at arbitrary sizes.* 2021-06-01. Version 1.1t. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fix-cm>  
MIRROR: <https://mirror.ctan.org/macros/latex/base>
- *The helvet package. Load Helvetica, scaled.* 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/helvet>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmidt, Walter A., The L<sup>A</sup>T<sub>E</sub>X Project Team, and Sebastian Rahtz. *The pifont package. Access to PostScript standard Symbol and Dingbats fonts.* 2021-12-07. Version 9.2a. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/pifont>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
- Schmitt, Peter. *The astro package. Astronomical (planetary) symbols.* 2017-10-29. Version 2.20. LICENSE: lppl  
URL: <https://ctan.org/pkg/astro>  
MIRROR: <https://mirror.ctan.org/fonts/astro>
- *The backgrnd package. Mark text with grey background or change bar.* 2020-04-11. Version 2.0. LICENSE: noinfo. Marks text, using T<sub>E</sub>X’s resources only (without resorting to commands). Grey background uses a shade font provided as Metafont source. Works under plain T<sub>E</sub>X and in simple L<sup>A</sup>T<sub>E</sub>X 2.09 documents, but probably not in L<sup>A</sup>T<sub>E</sub>X 2e.  
URL: <https://ctan.org/pkg/backgrnd>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/backgrnd.tex>
- *The shade package. Shade pieces of text.* 2018-01-06. Version 1. LICENSE: lppl1  
URL: <https://ctan.org/pkg/shade>  
MIRROR: <https://mirror.ctan.org/macros/generic/shade>
- Schmittbuhl, Arnaud. *The pst-spectra package. Draw continuum, emission and absorption spectra with PSTricks.* 2018-09-15. Version 0.91. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spectra>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spectra>
- Schmitz, Daniel. *The mahjong package. Typeset Mahjong Tiles using MPSZ Notation.* 2021-04-24. Version 1.0.1. LICENSE: mit,cc-by-1  
URL: <https://ctan.org/pkg/mahjong>  
MIRROR: <https://mirror.ctan.org/graphics/mahjong>
- Schmitz, Thomas A. *The context-taspresent package. Simple presentations using ConTeXt.* 2016-06-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/context-taspresent>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-taspresent>
- *The vf-howto package. Tutorial on creating virtual fonts.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/vf-howto>  
MIRROR: <https://mirror.ctan.org/info/virtualfontshowto>
- Schmitz, Thomas A. and Mojca Miklavc. *The gentium-original package. Gentium font and support files.* 2022-05-26. LICENSE: ofl  
URL: <https://ctan.org/pkg/gentium-original>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/gentium>
- Schneider, Christian. *The combinedgraphics package. Include graphic (EPS or PDF)/L<sup>A</sup>T<sub>E</sub>X combinations.* 2016-06-24. Version 0.2.2. LICENSE: gpl. This package provides a macro () for the inclusion of combined EPS/L<sup>A</sup>T<sub>E</sub>X and PDF/L<sup>A</sup>T<sub>E</sub>X graphics (an export format of , , and maybe other programs). Instead of including the graphics with a simple , the macro has some comforts:  
URL: <https://ctan.org/pkg/combinedgraphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>
- *The fullminipage package. Minipage spanning a complete page.* 2016-06-24. Version 0.1.1. LICENSE: gpl3  
URL: <https://ctan.org/pkg/fullminipage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullminipage>



- Schneider, Christian. *The ionumbers package. Restyle numbers in maths mode.* 2018-01-06. Version 0.3.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ionumbers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ionumbers>
- Schneider, Niklas. *The semesterplanner package. Create beautiful semester timetables and more.* 2020-11-04. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/semesterplanner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/semesterplanner>
- Schneider, Robin. *The calcage package. Calculate the age of something, in years.* 2017-04-18. Version 0.90. LICENSE: lppl1.3. The package calculates the age of someone or something in years. Internally it uses the package to calculate the age in days; conversion from days to years is then performed, taking care of leap years and such odd things.  
 URL: <https://ctan.org/pkg/calcage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calcage>
- *The counttexruns package. Count compilations of a document.* 2016-06-24. Version 1.00a. LICENSE: lppl1.3. The package counts how often a L<sup>A</sup>T<sub>E</sub>X document is compiled, keeping the data in an external file. To print the count, can use the macro .  
 URL: <https://ctan.org/pkg/counttexruns>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/counttexruns>
  - *The doclicense package. Support for putting documents under a license.* 2022-05-18. Version 3.2.0. LICENSE: cc0,lppl1.3c  
 URL: <https://ctan.org/pkg/doclicense>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doclicense>
  - *The fnumprint package. Print a number in ‘appropriate’ format.* 2017-04-18. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fnumprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnumprint>
  - *The latex-git-log package. Typeset git log information.* 2020-02-27. Version 1.0.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/latex-git-log>  
 MIRROR: <https://mirror.ctan.org/support/latex-git-log>
  - *The romanbarpagenumber package. Typesetting roman page numbers.* 2017-04-18. Version 1.0. LICENSE: lppl1.3. The package allows to typeset roman numbers with bars. This package allows you to use those roman numbers as page number.  
 URL: <https://ctan.org/pkg/romanbarpagenumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbarpagenumber>
- Schneider, Sven. *The dotarrow package. Extendable dotted arrows.* 2016-06-24. Version 0.01a. LICENSE: lppl. The package can draw dotted arrows that are extendable, in the same was as .  
 URL: <https://ctan.org/pkg/dotarrow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotarrow>
- Schneider, Thomas. *The cell package. Bibliography style for Cell.* 2016-06-24. LICENSE: pd. This is an “apa-like” style (cf. in the distribution), developed from the same author’s style. A supporting L<sup>A</sup>T<sub>E</sub>X package is also provided.  
 URL: <https://ctan.org/pkg/cell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cell>
- *The jbact package. BibTeX style for biology journals.* 2019-11-12. Version 1.30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jbact>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jbact.bst>
  - *The jmb package. BibTeX style for the Journal of Theoretical Biology.* 2019-11-12. Version 1.21. LICENSE: other-free  
 URL: <https://ctan.org/pkg/jmb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jmb>
  - *The nar package. BibTeX style for Nucleic Acid Research.* 2016-06-24. Version 3.19. LICENSE: other-free  
 URL: <https://ctan.org/pkg/nar>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/nar.bst>
- Schollmeyer, Michael. *The fchart package. Flow diagrams in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. Version 2.0. LICENSE: noinfo. This is not a package, rather a set of macros to be read using , offering a means of drawing structures without the use of the environment.  
 URL: <https://ctan.org/pkg/fchart>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fchart>
- Schöpf, Rainer. *The histogr package. Draw histograms with the L<sup>A</sup>T<sub>E</sub>X picture environment.* 2016-06-24. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/histogr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/histogr>
- *The underlin package. Underlined running heads.* 2016-06-24. Version 1.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/underlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underlin>

- Schöpf, Rainer and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The verbatim package. Reimplementation of and extensions to L<sup>A</sup>T<sub>E</sub>X verbatim*. 2021-06-01. Version 1.5u. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/verbatim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Schreiber, Kai. *The BiBLE package. A BibTeX library editor*. 2016-06-24. Version 0.99. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bible>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bible>
- Schrell, Andreas. *The kalender-209 package. Produce page-per-day calendars*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/kalender-209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/kalender.tex>
- *The pictexwd package. A patched version of PicTeX using fewer registers*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pictexwd>
  - *The wochtag package. Generate the German weekday name for a date*. 2016-06-24. Version 1.0. LICENSE: noinfo. Defines a macro that produces a day name, in German.  
 URL: <https://ctan.org/pkg/wochtag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/wochtag.tex>
  - *The yinit-as package. Additions to Yannix Haralambous' Old German decorative initials*. 2019-02-01. LICENSE: noinfo. This package contains a modified driver file, , as well as a L<sup>A</sup>T<sub>E</sub>X file .  
 URL: <https://ctan.org/pkg/yinit-as>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/gothic/yinit-as>
- Schrell, Andreas and Andreas Hörstmeier. *The umrand package. Package for fancy box frames*. 2019-06-21. Version 1.2. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/umrand>  
 MIRROR: <https://mirror.ctan.org/macros/generic/umrand>
- Schrod, Joachim. *The biblist package. Print a BibTeX database*. 2016-06-24. LICENSE: gpl. The package provides the means of listing an entire BibTeX database, avoiding the potentially large (macro) impact associated with .  
 URL: <https://ctan.org/pkg/biblist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/biblist>
- *The chbar package. Change bar marks in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl. This package creates change bars without the use of \special commands (unlike the L<sup>A</sup>T<sub>E</sub>X package ).  
 URL: <https://ctan.org/pkg/chbar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/chbar>
  - *The components package. Components of T<sub>E</sub>X*. 2022-05-01. LICENSE: gpl  
 URL: <https://ctan.org/pkg/components>  
 MIRROR: <https://mirror.ctan.org/info/components-of-TeX>
  - *The cweb-latex package. A L<sup>A</sup>T<sub>E</sub>X version of CWEB*. 2019-11-30. LICENSE: gpl. This bundle allows marking-up of code in L<sup>A</sup>T<sub>E</sub>X. The distribution includes the “Counting Words” program distributed with CWEB, edited to run with L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/cweb-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cweb>
  - *The example package. Typeset examples for T<sub>E</sub>X courses*. 2019-06-21. LICENSE: gpl. The package makes it easier to produce examples for T<sub>E</sub>X course. It provides an environment, which typesets its contents on the left of the page, and prints it verbatim on the right.  
 URL: <https://ctan.org/pkg/example>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/example.sty>
  - *The footnpag package. Per-page numbering of footnotes*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/footnpag>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnpag>
  - *The genfam package. Run Metafont to produce the bitmap fonts*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/genfam>  
 MIRROR: <https://mirror.ctan.org/support/genfam>
  - *The idverb package. Inline verbatim identifiers*. 2016-06-24. Version 1.1. LICENSE: gpl. Typeset identifiers (and other short things) verbatim, using the notation. This package is part of the bundle.  
 URL: <https://ctan.org/pkg/idverb>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>

- Schrod, Joachim. *The js-misc package. Miscellaneous macros from Joachim Schrod.* 2016-07-17. LICENSE: pd  
 URL: <https://ctan.org/pkg/js-misc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/js-misc>
- *The literate package. A literate programming system, not tied to any language.* 2016-06-24. LICENSE: pd. The system consists of two parts: a processor, `literate`, which extracts program code from a literate source file, and a set of macros that will typeset the source file (possibly after application, by `literate`, of a change file). `literate` is distributed as a web source file.  
 URL: <https://ctan.org/pkg/literate>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/literate>
  - *The makeprog package. A literate system for T<sub>E</sub>X programming.* 2016-06-24. Version 1.0.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/makeprog>  
 MIRROR: <https://mirror.ctan.org/support/makeprog>
- Schrod, Joachim and Julian Gilbey. *The rcs package. Use RCS (revision control system) tags in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/rcs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs>
- Schröder, Jenny and Sebastian Schwerdtfeger. *The microtype-de package. Translation into German of the documentation of microtype.* 2019-11-19. Version 2.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/microtype-de>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/translations/microtype/de>
- Schröder, Jörg-Michael. *The datenumber package. Convert a date into a number and vice versa.* 2022-01-27. Version 0.03. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/datenumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datenumber>
- Schröder, Martin. *The bibtopicprefix package. Prefix references to bibliographies produced by bibtopic.* 2019-07-30. Version 1.10. LICENSE: lppl. The package permits users to apply prefixes (fixed strings) to references to entries in bibliographies produced by the package.  
 URL: <https://ctan.org/pkg/bibtopicprefix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibtopicprefix>
- Schröder, Martin and Marei Peischl. *The count1to package. Make use of count1 to count9.* 2020-11-24. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/count1to>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
- *The everysel package. Provides hooks into \selectfont.* 2021-01-23. Version 2.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everysel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everysel>
  - *The everyshi package. Take action at every \shipout.* 2020-12-06. Version 4.00. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/everyshi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/everyshi>
  - *The ms package. Various L<sup>A</sup>T<sub>E</sub>X packages by Martin Schröder.* 2021-01-19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ms>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
  - *The multitoc package. Set table of contents in multiple columns.* 2020-11-24. Version 2.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/multitoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ms>
  - *The prelim2e package. Allows the marking of preliminary versions of a document.* 2020-12-06. Version 2.00. LICENSE: lppl1.3c. Puts text below the normal page content (the default text marks the document as draft and puts a timestamp on it). Can be used together with e.g. the `draft`, and `timestamp` packages. Uses the package `scrlttime` and can use the `scrlttime` package from the bundle.  
 URL: <https://ctan.org/pkg/prelim2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prelim2e>
  - *The ragged2e package. Alternative versions of “ragged”-type commands.* 2021-12-15. Version 3.1. LICENSE: lppl1.3c. The package defines new commands `raggedleft`, `raggedright`, and `raggedcenter` and new environments `raggedleft*`, `raggedright*`, and `raggedcenter*`, which set ragged text and are easily configurable to allow hyphenation (the corresponding commands in L<sup>A</sup>T<sub>E</sub>X, all of whose names are lower-case, prevent hyphenation altogether).  
 URL: <https://ctan.org/pkg/ragged2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ragged2e>
- Schroeder, Thomas. *The chemarrow package. Arrows for use in chemistry.* 2016-06-24. Version 0.9. LICENSE: pd  
 URL: <https://ctan.org/pkg/chemarrow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemarrow>

- Schröppel, Christian. *The forarray package. Using array structures in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides functionality for processing lists and array structures in . Arrays can contain characters as well as T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X commands, nesting of arrays is possible, and arrays are processed within the same brace level as their surrounding environment. Array levels can be delimited by characters or control sequences defined by the user. Practical uses of this package include data management, construction of lists and tables, and calculations based on the contents of lists and arrays.  
URL: <https://ctan.org/pkg/forarray>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forarray>
- Schubert, Sebastian. *The mdsymbol package. Symbol fonts to match Adobe Myriad Pro*. 2016-06-24. Version 0.5. LICENSE: ofl  
URL: <https://ctan.org/pkg/mdsymbol>  
MIRROR: <https://mirror.ctan.org/fonts/mdsymbol>
- Schubotz, Moritz. *The texvc package. Use MediaWiki L<sup>A</sup>T<sub>E</sub>X commands*. 2018-03-05. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/texvc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texvc>
- Schulder, Marc and Thomas Hanke. *The hamnosys package. A font for sign languages*. 2022-02-08. Version 1.0.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hamnosys>  
MIRROR: <https://mirror.ctan.org/fonts/hamnosys>
- Schuler, J. Peter M. *The udesoftec package. Thesis class for the University of Duisburg-Essen*. 2021-02-23. Version 1.7.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/udesoftec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/udesoftec>
- Schüler, Christian. *The SmileTeX package. Create L<sup>A</sup>T<sub>E</sub>X documents and more from simple texts*. 2016-06-24. LICENSE: nosource  
URL: <https://ctan.org/pkg/smiletex>  
MIRROR: <https://mirror.ctan.org/support/smiletex>
- Schulter, Wolfgang. *The wmf2eps package. Windows metafile conversion*. 2016-06-24. Version 1.32. LICENSE: shareware  
URL: <https://ctan.org/pkg/wmf2eps>  
MIRROR: <https://mirror.ctan.org/support/wmf2eps>
- Schulz, Herbert. *The courier scaled package. Provides a scaled Courier font*. 2016-06-24. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/courier-scaled>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/courier-scaled>
- Schulz, Stefan. *The chemcono package. Support for compound numbers in chemistry documents*. 2016-06-24. Version 1.3. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X package for using compound numbers in chemistry documents. It works like and the , using and instead. It allows compound names in documents to be numbered and does not affect the normal citation routines.  
URL: <https://ctan.org/pkg/chemcono>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcono>
- Schulzrinne, Henning. *The 12x package. L<sup>A</sup>T<sub>E</sub>X to ASCII*. 2016-06-24. Version 1.4. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/12x>  
MIRROR: <https://mirror.ctan.org/support/12x>
- Schurig, Carsten, Tobias Schlemmer, and Baden Hughes. *The pdfcpot package. Activating and setting of character protruding using pdfLaTeX*. 2016-06-24. Version 1.7a. LICENSE: lppl  
URL: <https://ctan.org/pkg/pdfcpot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfcpot>
- Schuster, Wolfgang. *The context-account package. A simple accounting package*. 2018-01-06. LICENSE: pd  
URL: <https://ctan.org/pkg/context-account>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-account>
- *The context-algorithmic package. Algorithm handling in ConTeXt*. 2016-06-24. LICENSE: gpl. Support for typesetting algorithms (a port of the L<sup>A</sup>T<sub>E</sub>X package , which was a predecessor of ).  
URL: <https://ctan.org/pkg/context-algorithmic>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-algorithmic>
  - *The context-animation package. Generate fieldstack based animation with ConTeXt*. 2018-08-11. LICENSE: gpl3. The package is a port, to (mkvi), of the corresponding  
URL: <https://ctan.org/pkg/context-animation>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-animation>
  - *The context-annotation package. Annotate text blocks*. 2018-08-11. LICENSE: gpl. The module lets you create your own commands and environments to mark text blocks.  
URL: <https://ctan.org/pkg/context-annotation>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-annotation>



- Schuster, Wolfgang. *The context-fancybreak package. Overfull pages with ConTeXt*. 2018-08-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-fancybreak>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-fancybreak>
- *The context-fixme package. Make editorial marks on a document*. 2016-10-22. LICENSE: pd  
 URL: <https://ctan.org/pkg/context-fixme>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-fixme>
  - *The context-fullpage package. Overfull pages with ConTeXt*. 2018-08-11. LICENSE: gpl. The (ConTeXt) module copies the functionality of the , and adds a styling parameter, given in the command  
 URL: <https://ctan.org/pkg/context-fullpage>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-fullpage>
  - *The context-letter package. ConTeXt package for writing letters*. 2021-10-17. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-letter>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-letter>
  - *The context-ruby package. Ruby annotations in ConTeXt*. 2018-08-11. LICENSE: pd. Ruby markup (aka furigana in Japan) are inline annotations above or below a word to indicate the reading of ideographic characters. The module implements the in ConTeXt. The position and layout of the base text and the ruby text can becontrolled by parameters.  
 URL: <https://ctan.org/pkg/context-ruby>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-ruby>
  - *The context-simplefonts package. Simplified font usage for ConTeXt*. 2018-08-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-simplefonts>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-simplefonts>
  - *The context-title package. Place document titles*. 2018-08-11. LICENSE: gpl. The module provides the command to put a title block into your document. With the command values can be set for and change the formatting of the content.  
 URL: <https://ctan.org/pkg/context-title>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-title>
  - *The context-typescripts package. Small modules to load various fonts for use in ConTeXt*. 2021-09-03. LICENSE: gpl2. The package provides files offering interfaces to 33 publicly available fonts (or collections of fonts from the same foundry); each is available in a and a version.  
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 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-typescripts>
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 URL: <https://ctan.org/pkg/baskervaldx>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervaldx>
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 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*. 2021-11-01. Version 1.031. 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>  
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 URL: <https://ctan.org/pkg/boondox>  
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 URL: <https://ctan.org/pkg/dsserif>  
 MIRROR: <https://mirror.ctan.org/fonts/dsserif>
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 URL: <https://ctan.org/pkg/dutchcal>  
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 URL: <https://ctan.org/pkg/etbb>  
 MIRROR: <https://mirror.ctan.org/fonts/etbb>
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 URL: <https://ctan.org/pkg/fbb>  
 MIRROR: <https://mirror.ctan.org/fonts/fbb>
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 URL: <https://ctan.org/pkg/garamondx>  
 MIRROR: <https://mirror.ctan.org/fonts/garamondx>
  - *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>
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 URL: <https://ctan.org/pkg/minion2newtx>  
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 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>



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 URL: <https://ctan.org/pkg/pst-bspline>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
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  - *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>
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 URL: <https://ctan.org/pkg/ptmsc>  
 MIRROR: <https://mirror.ctan.org/fonts/ptmsc>
  - *The ptxal fa package. Virtual maths alphabets based on pxfonts and txfonts.* 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
 URL: <https://ctan.org/pkg/ptxal fa>  
 MIRROR: <https://mirror.ctan.org/fonts/ptxal fa>
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 URL: <https://ctan.org/pkg/rsfso>  
 MIRROR: <https://mirror.ctan.org/fonts/rsfso>
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 URL: <https://ctan.org/pkg/scanpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scanpages>
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 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.  
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 MIRROR: <https://mirror.ctan.org/fonts/stickstoo>
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 URL: <https://ctan.org/pkg/superiors>  
 MIRROR: <https://mirror.ctan.org/fonts/superiors>
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 URL: <https://ctan.org/pkg/tempora>  
 MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUpCal package. Upright calligraphic font based on TX calligraphic.* 2017-03-09. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as an upright 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>
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 URL: <https://ctan.org/pkg/xcharter>  
 MIRROR: <https://mirror.ctan.org/fonts/xcharter>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>
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 URL: <https://ctan.org/pkg/fullpict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
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 URL: <https://ctan.org/pkg/ieeetran>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran>
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 URL: <https://ctan.org/pkg/ieeetrantools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/tools>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mciteplus>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran/testflow>
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 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>
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 URL: <https://ctan.org/pkg/xetex-pstricks>  
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 URL: <https://ctan.org/pkg/biokey>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
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 URL: <https://ctan.org/pkg/biolist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/biolist.sty>
  - *The boldline package. Heavier lines in tables*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/boldline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/boldline.sty>
  - *The cassette-shipunov package. Print labels for audio cassettes*. 2019-10-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/cassette-shipunov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/cassete.cls>
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 URL: <https://ctan.org/pkg/classif2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/classif2.sty>
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 URL: <https://ctan.org/pkg/drcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov/tex/drcaps.sty>
  - *The shipunov package. A collection of L<sup>A</sup>T<sub>E</sub>X packages and classes*. 2019-10-08. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/shipunov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
  - *The sltables package. Simplified tables for L<sup>A</sup>T<sub>E</sub>X*. 2019-10-07. Version 1.2. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shipunov>
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 MIRROR: <https://mirror.ctan.org/macros/generic/boxedart4mac>
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 MIRROR: <https://mirror.ctan.org/macros/generic/boxedeps>
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 URL: <https://ctan.org/pkg/bsr2dvi>  
 MIRROR: <https://mirror.ctan.org/dviware/BSR2dvi>
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 URL: <https://ctan.org/pkg/labelfig>  
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 URL: <https://ctan.org/pkg/fancylabel>  
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URL: <https://ctan.org/pkg/chscite>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
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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>
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URL: <https://ctan.org/pkg/rotfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
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URL: <https://ctan.org/pkg/rplain>  
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 The package provides a collection of styles for (version 3.5 is required, currently). It was designed for citations in German Humanities, especially film studies, and offers some features that are not provided by the standard BibL<sup>A</sup>T<sub>E</sub>X styles. The style is highly optimized for documents written in German, and the main documentation is only available in German.  
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 URL: <https://ctan.org/pkg/expkv-opt>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grabbox>
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  - *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>
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/braids>
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 URL: <https://ctan.org/pkg/celtic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/celtic>
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 URL: <https://ctan.org/pkg/hobby>  
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 URL: <https://ctan.org/pkg/penrose>  
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 URL: <https://ctan.org/pkg/latexgit>  
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 URL: <https://ctan.org/pkg/memorygraphs>  
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 URL: <https://ctan.org/pkg/fig2mf>  
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 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  
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 MIRROR: <https://mirror.ctan.org/macros/xetex/generic/devanagari>
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 URL: <https://ctan.org/pkg/barddiag>  
 MIRROR: <https://mirror.ctan.org/graphics/barddiag>
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 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  
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 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.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/linguex>
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 URL: <https://ctan.org/pkg/pstrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/pstrees>
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 URL: <https://ctan.org/pkg/cassette209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/cassette>
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 URL: <https://ctan.org/pkg/jeep>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/jeep>
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 URL: <https://ctan.org/pkg/texed>  
 MIRROR: <https://mirror.ctan.org/systems/os2/texed>
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 URL: <https://ctan.org/pkg/tikz-cd>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>
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 URL: <https://ctan.org/pkg/kix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kix>
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 URL: <https://ctan.org/pkg/bidstobibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bids/bids.to.bibtex>
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 URL: <https://ctan.org/pkg/readablecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/readablecv>
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 URL: <https://ctan.org/pkg/acroflex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/acroflex>
- *The AcroMemory package. Memory games in L<sup>A</sup>T<sub>E</sub>X*. 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/acromemory>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)
  - *The AcroSort package. Sort sliced image into order*. 2021-09-11. Version 1.6.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acrosort>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acrosort](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acrosort)
  - *The acrotex package. The AcroTeX education bundle*. 2021-10-13. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acrotex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The acrotex-js package. JavaScript files used by acrotex and other packages*. 2021-11-07. LICENSE: lppl. In the distribution of this package are two critical JavaScript files ( and ) used by the packages , , and . Previously these JS files were distributed with the individual packages, now they are distributed by this package and must be installed according to the instructions in the folder.  
 URL: <https://ctan.org/pkg/acrotex-js>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
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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)
  - *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 aebvelope 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/aebvelope>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebvelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebvelope)
  - *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>  
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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>

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 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>
  - *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/graphicsbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicsbox>
- Story, Donald P. *The GraphicsSP package. An extension of the graphicx package.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/graphicsxp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicsxp>
- *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>
  - *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>
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URL: <https://ctan.org/pkg/popupmenu>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
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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)
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URL: <https://ctan.org/pkg/rangen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
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URL: <https://ctan.org/pkg/renditions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
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 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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>
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 URL: <https://ctan.org/pkg/xbmks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
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 URL: <https://ctan.org/pkg/callouts>  
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 URL: <https://ctan.org/pkg/incgraph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/incgraph>
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 URL: <https://ctan.org/pkg/mercatormap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mercatormap>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sanitize-umlaut>
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 URL: <https://ctan.org/pkg/tcolorbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcolorbox>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/achicago>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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 URL: <https://ctan.org/pkg/achicago-bst>  
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 URL: <https://ctan.org/pkg/alatex>  
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 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>  
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 URL: <https://ctan.org/pkg/compsci>  
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 URL: <https://ctan.org/pkg/asana-math>  
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 URL: <https://ctan.org/pkg/bib-greek>  
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 URL: <https://ctan.org/pkg/epiolmec>  
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 URL: <https://ctan.org/pkg/frederika2016>  
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 URL: <https://ctan.org/pkg/greek-makeindex>  
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 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>
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 URL: <https://ctan.org/pkg/hellas>  
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 URL: <https://ctan.org/pkg/linearA>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
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 URL: <https://ctan.org/pkg/ocherokee>  
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 URL: <https://ctan.org/pkg/oinuit>  
 MIRROR: <https://mirror.ctan.org/language/inuktitut/oinuit>
  - *The phaistos package. Disk of Phaistos font*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phaistos>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/phaistos>
  - *The staves package. Typeset Icelandic staves and runic letters*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/staves>  
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 URL: <https://ctan.org/pkg/svrsymbols>  
 MIRROR: <https://mirror.ctan.org/fonts/svrsymbols>
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 URL: <https://ctan.org/pkg/umtypewriter>  
 MIRROR: <https://mirror.ctan.org/fonts/umtypewriter>
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 The package extends package so it can be used with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. It introduces the new option for use with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. Everything else remains the same and users should consult the original documentation for usage information.  
 URL: <https://ctan.org/pkg/xexchangebar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
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 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  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>
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URL: <https://ctan.org/pkg/glossary>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
- *The jmakepdfx package. A Java interface to Ghostscript to convert PDF to PDF/X.* 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript's setting, which is analogous to Acrobat Distiller's "Prepress Optimized" setting.  
URL: <https://ctan.org/pkg/jmakepdfx>  
MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
- *The jmlr package. Class files for the Journal of Machine Learning Research.* 2022-02-09. Version 1.30. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/jmlr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
- *The MakeGlossariesGUI package. Java GUI alternative to makeglossaries script.* 2020-03-10. Version 2.2. LICENSE: gpl3. The package provides a Java GUI alternative to the makeglossaries Perl script (supplied by the package). The package was designed for people who don't want to use the command prompt but can't get their editor to run makeglossaries. It can also be used as a diagnostic tool when there are problems with the document glossaries.  
URL: <https://ctan.org/pkg/makeglossariesgui>  
MIRROR: <https://mirror.ctan.org/support/makeglossariesgui>
- *The mfirstuc package. Uppercase the first letter of a word.* 2022-10-18. Version 2.08. LICENSE: lppl1.3. The package provides commands that uppercases the first letter in its argument (with a check for a semantic markup command at the start of the argument), and xmakefirstuc which expands the argument before uppercasing. It also provides which applies to each word in the , where the words are separated by regular spaces. (Exceptions can be made for words that shouldn't be converted.)  
URL: <https://ctan.org/pkg/mfirstuc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mfirstuc>
- *The nlctdoc package. Package documentation class.* 2022-10-14. Version 1.08. LICENSE: lppl  
URL: <https://ctan.org/pkg/nlctdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>
- *The pressrelease package. A class for typesetting press releases.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pressrelease>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pressrelease>
- *The probsoln package. Generate problem sheets and their solution sheets.* 2017-07-10. Version 3.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/probsoln>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/probsoln>

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

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 URL: <https://ctan.org/pkg/datetime2-romanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-romanian>
- Talbot, Nicola and Sergiy M. Ponomarenko. *The datetime2-ukrainian package. Ukrainian language module for the datetime2 package*. 2018-04-15. Version 1.2a. LICENSE: lppl1.3. This module provides the “ukrainian” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-ukrainian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-ukrainian>
- Talbot, Nicola and Andrej Radović. *The datetime2-serbian package. Serbian language module for the datetime2 package*. 2019-11-22. Version 2.1.0. LICENSE: lppl1.3. This module provides the “serbian” style that can be set using provided by . It provides both Cyrillic and Latin, Ekavian and Ijekavian variants of Serbian date formats, regionalized and non-regionalized.  
 URL: <https://ctan.org/pkg/datetime2-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-serbian>
- Talbot, Nicola and Maïeul Rouquette. *The bibleref package. Format bible citations*. 2020-06-22. Version 1.25. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bibleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref>
- Tanaka, Takuji. *The convbkmk package. Correct latex/uplatex bookmarks in PDF created with hyperref*. 2018-11-25. Version 0.30. LICENSE: mit. The package provides a small script that corrects bookmarks in PDF files created by /, using .  
 URL: <https://ctan.org/pkg/convbkmk>  
 MIRROR: <https://mirror.ctan.org/support/convbkmk>
- *The upmendex package. Multilingual index processor*. 2021-11-21. Version 1.00. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/upmendex>  
 MIRROR: <https://mirror.ctan.org/indexing/upmendex>
  - *The uptex package. Unicode version of pTeX*. 2020-08-30. LICENSE: other-free  
 URL: <https://ctan.org/pkg/uptex>
- Tanaka, Takuji, Norbert Preining, and Japanese T<sub>E</sub>X Development Community. *The japanese-otf-uptex package. Support for Japanese OTF files in upLaTeX*. 2022-08-01. LICENSE: bsd3. This bundle has been merged into .  
 URL: <https://ctan.org/pkg/japanese-otf-uptex>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/japanese-otf>
- Tanbakuchi, Anthony A. *The FigSize package. Auto-size graphics*. 2016-06-24. Version 0.1. LICENSE: lppl. The FigSize package enables automatic sizing of graphics, especially when including graphics with the package. The user only has to specify the number of graphics that should fit to a page or fraction thereof and the package will dynamically calculate the correct graphics sizes relative to the page size. Thus, graphics can be auto-sized to fill a whole page or fraction and manual changes of graphic sizes are never needed when changing document layouts. Finally, the package’s dynamic lengths can be used to allow other document element sizes to be dynamic.  
 URL: <https://ctan.org/pkg/figsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/figsize>
- *The plates package. Arrange for “plates” sections of documents*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/plates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/plates>
- Tantau, Till. *The pgfkeys package. Key value control for PGF*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pgfkeys>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/base>
- Tartir, Jamal K. *The jlabels package. Make letter-sized pages of labels*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jlabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jlabels>
- Tatlock, Benjamin. *The bropd package. Simplified brackets and differentials in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bropd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bropd>
- Tatsuta, Makoto. *The LKproof package. LK Proof figure macros*. 2018-02-03. Version 3.1. LICENSE: gpl. The package defines a pair of commands and , that are used in constructing LK proof diagrams.  
 URL: <https://ctan.org/pkg/lkproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lkproof>
- Taupin, Daniel. *The cmfrak package. Reencoded versions of Haralambous fraktur fonts*. 2016-07-29. Version 1.0. LICENSE: noinfo. Metafont sources to enable Haralambous’s font to be built in a CM-like encoding () or a “DC-like” encoding (effectively, L<sup>A</sup>T<sub>E</sub>X T1:

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



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 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>
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 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>
- Tellechea, Christian and Steven B. Segletes. *The listofitems package. Grab items in lists using user-specified sep char.* 2019-08-21. Version 1.63. LICENSE: lppl1.3c



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MIRROR: <https://mirror.ctan.org/macros/generic/listofitems>
- Tennent, Bob. *The accanthis package. Accanthis fonts, with L<sup>A</sup>T<sub>E</sub>X 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 L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-14. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/alegreya>  
MIRROR: <https://mirror.ctan.org/fonts/alegreya>
  - *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>
  - *The almendra package. Almendra fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-28. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/almendra>  
MIRROR: <https://mirror.ctan.org/fonts/almendra>
  - *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*. 2022-09-13. 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*. 2022-09-15. 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>

- Tennent, Bob. *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<sub>L</sub>TeX and Lua<sub>L</sub>TeX 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>
  - *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 ebgaromond package. L<sup>A</sup>T<sub>E</sub>X support for EBGaramond fonts*. 2022-09-11. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/ebgaromond>  
 MIRROR: <https://mirror.ctan.org/fonts/ebgaromond>
  - *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>
  - *The imfellEnglish package. IM Fell English fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-01. LICENSE: ofl  
 URL: <https://ctan.org/pkg/imfellenglish>  
 MIRROR: <https://mirror.ctan.org/fonts/imfellenglish>
  - *The imfellflowers package. IM Fell Flower OpenType fonts*. 2019-10-14. LICENSE: nosell  
 URL: <https://ctan.org/pkg/imfellflowers>  
 MIRROR: <https://mirror.ctan.org/fonts/imfellflowers>
  - *The josefin package. Josefin fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-10-01. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/josefin>  
 MIRROR: <https://mirror.ctan.org/fonts/josefin>
  - *The libertine package. Use of Linux Libertine and Biolinum fonts with L<sup>A</sup>T<sub>E</sub>X*. 2022-09-12. Version 5.3.0. LICENSE: gpl,ofl,lppl  
 URL: <https://ctan.org/pkg/libertine>  
 MIRROR: <https://mirror.ctan.org/fonts/libertine>

- *The libertine-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Libertine family of fonts.* 2016-06-24. Version 5.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/libertine-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
- Tennent, Bob. *The libertinus-type1 package. Support for using Libertinus fonts with L<sup>A</sup>T<sub>E</sub>X/pdfLaTeX.* 2021-02-15. LICENSE: gpl2,ofl,lppl  
 URL: <https://ctan.org/pkg/libertinus-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-type1>
- *The librebaskerville package. The Libre Baskerville family of fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-17. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librebaskerville>  
 MIRROR: <https://mirror.ctan.org/fonts/librebaskerville>
- *The librebodoni package. Libre Bodoni fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librebodoni>  
 MIRROR: <https://mirror.ctan.org/fonts/librebodoni>
- *The librecaslon package. Libre Caslon fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librecaslon>  
 MIRROR: <https://mirror.ctan.org/fonts/librecaslon>
- *The librefranklin package. L<sup>A</sup>T<sub>E</sub>X support for the Libre-Franklin family of fonts.* 2022-09-19. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/librefranklin>  
 MIRROR: <https://mirror.ctan.org/fonts/librefranklin>
- *The linguisticspro package. LinguisticsPro fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/linguisticspro>  
 MIRROR: <https://mirror.ctan.org/fonts/linguisticspro>
- *The lobster2 package. Lobster Two fonts, with support for all L<sup>A</sup>T<sub>E</sub>X engines.* 2022-09-19. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/lobster2>  
 MIRROR: <https://mirror.ctan.org/fonts/lobster2>
- *The Marcellus package. Marcellus fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-20. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, Xe<sub>L</sub><sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Marcellus family of fonts, designed by Brian J. Bonislavsky. Marcellus is a flared-serif family, inspired by classic Roman inscription letterforms. There is currently just a regular weight and small-caps. The regular weight will be silently substituted for bold.  
 URL: <https://ctan.org/pkg/marcellus>  
 MIRROR: <https://mirror.ctan.org/fonts/marcellus>
- *The merriweather package. Merriweather and MerriweatherSans fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-20. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/merriweather>  
 MIRROR: <https://mirror.ctan.org/fonts/merriweather>
- *The mintspirit package. L<sup>A</sup>T<sub>E</sub>X support for MintSpirit font families.* 2022-09-22. LICENSE: ofl,lppl. The package provides , , and support for the MintSpirit and MintSpiritNo2 families of fonts, designed by Hirwen Harendal. MintSpirit was originally designed for use as a system font on a Linux Mint system. The No. 2 variant provides more conventional shapes for some glyphs.  
 URL: <https://ctan.org/pkg/mintspirit>  
 MIRROR: <https://mirror.ctan.org/fonts/mintspirit>
- *The musixtnt package. A MusiXTeX extension library that enables transformations of the effect of notes commands.* 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/musixtnt>  
 MIRROR: <https://mirror.ctan.org/macros/musixtnt>
- *The mweights package. Support for multiple-weight font packages.* 2020-01-23. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mweights>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mweights>
- *The noto package. Support for Noto fonts.* 2022-09-11. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/noto>  
 MIRROR: <https://mirror.ctan.org/fonts/noto>
- *The notocondensed package. Support for the condensed variants of the Noto fonts.* 2022-09-11. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/notocondensed>  
 MIRROR: <https://mirror.ctan.org/fonts/notocondensed>
- *The OldStandardT1 package. Type 1 versions of Old Standard fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2018-01-07. LICENSE: ofl  
 URL: <https://ctan.org/pkg/oldstandardt1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/oldstandardt1>
- *The overlock package. Overlock sans fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-23. LICENSE: ofl. The package provides the Overlock and OverlockSC families of fonts, designed by Dario Manuel Muhafara of the (<http://www.tipo.net.ar>), “rounded” sans-serif fonts in

three weights (Regular, Bold, Black) with italic variants for each of them. There are also small-caps and old-style figures in the Regular weight.

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

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

Tennent, Bob. *The padauk package. A high-quality TrueType font that supports the many diverse languages that use the Myanmar script.* 2018-01-07. Version 3.002. LICENSE: ofl

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

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

— *The playfair package. Playfair Display fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: ofl,lppl

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

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

— *The plex package. Support for IBM Plex fonts.* 2022-09-23. LICENSE: ofl,lppl

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

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

— *The poiretone package. PoiretOne family of fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: ofl,lppl

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

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

— *The prerex package. Interactive editor and macro support for prerequisite charts.* 2021-11-20. LICENSE: gpl2,lppl

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

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

— *The quattroceto package. Quattroceto and Quattroceto Sans fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-13. LICENSE: ofl,lppl

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

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

— *The roboto package. Support for the Roboto family of fonts.* 2022-09-11. LICENSE: apache2,ofl,lppl

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

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

— *The spectral package. Spectral fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-27. LICENSE: ofl,lppl

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

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

— *The texlive-dummy-enterprise-linux package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 6 and derived distributions.* 2016-06-24. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux>

MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-6>

— *The texlive-dummy-enterprise-linux-6 package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 6 and derived distributions.* 2016-06-24. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-6>

MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-6>

— *The texlive-dummy-enterprise-linux-7 package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 7 and derived distributions.* 2016-06-24. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-7>

MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-7>

— *The texlive-dummy-enterprise-linux-8 package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 8 and derived distributions.* 2020-02-15. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-8>

MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-8>

— *The theanodidot package. TheanoDidot fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-26. LICENSE: lppl,ofl

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

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

— *The theanomodern package. Theano Modern fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-26. LICENSE: ofl,lppl

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

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

— *The theanooldstyle package. Theano OldStyle fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-26. LICENSE: ofl,lppl

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

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

- *The tinos package. Tinos fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-25. LICENSE: apache2,lppl  
 URL: <https://ctan.org/pkg/tinos>  
 MIRROR: <https://mirror.ctan.org/fonts/tinos>
- Tennent, Bob. *The tlmgrBasics package. A simplified documentation for tlmgr.* 2021-09-23. LICENSE: gpl2+. This package provides simplified documentation for , the Manager. It describes the most commonly-used actions and options in a convenient format.  
 URL: <https://ctan.org/pkg/tlmgrbasics>  
 MIRROR: <https://mirror.ctan.org/info/tlmgrbasics>
- *The universalis package. Universalis font, with support.* 2022-09-25. LICENSE: gpl2+,lppl  
 URL: <https://ctan.org/pkg/universalis>  
 MIRROR: <https://mirror.ctan.org/fonts/universalis>
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 URL: <https://ctan.org/pkg/m-tx>  
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 URL: <https://ctan.org/pkg/libertine-legacy>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-legacy>
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 URL: <https://ctan.org/pkg/diagmac2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/diagmac2>
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 URL: <https://ctan.org/pkg/musixtex>  
 MIRROR: <https://mirror.ctan.org/macros/musixtex>
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 MIRROR: <https://mirror.ctan.org/fonts/musixtex-fonts>
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 URL: <https://ctan.org/pkg/oldlatin>  
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 URL: <https://ctan.org/pkg/coseoul>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coseoul>
- Tex, Ajabu. *The TrY package. Automation of T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X compilation.* 2016-06-24. Version 4.0. LICENSE: lppl1.3. The package offers a script that automates the compilation of T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X documents. TrY reads commands from the comment lines of the document and executes them automatically. TrY may be compared to , but is simpler. TrY has been written for Linux and works on Linux.  
 URL: <https://ctan.org/pkg/try>  
 MIRROR: <https://mirror.ctan.org/support/try>
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 URL: <https://ctan.org/pkg/isi2bib>  
 MIRROR: <https://mirror.ctan.org/support/vim/isi2bib.vim>
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 URL: <https://ctan.org/pkg/abbr>  
 MIRROR: <https://mirror.ctan.org/macros/generic/abbr>
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 MIRROR: <https://mirror.ctan.org/support/gv-savepos>



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 URL: <https://ctan.org/pkg/vntex>  
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 LICENSE: gpl. An extension of T<sub>E</sub>X which can directly generate PDF documents as well as DVI output. All current free T<sub>E</sub>X distributions including , and include pdfTeX (Plain T<sub>E</sub>X) and pdfL<sup>A</sup>T<sub>E</sub>X (LaTeX), among many other formats based on the pdfTeX engine.  
 URL: <https://ctan.org/pkg/pdftex>
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 URL: <https://ctan.org/pkg/htm12latex>  
 MIRROR: <https://mirror.ctan.org/support/htm12latex>
- The T<sub>E</sub>X4ht Team and Eitan M. Gurari. *The protex package. Literate programming package*. 2018-01-06. LICENSE: lppl. ProTeX is a simple but powerful literate programming tool, which is designed to generate useful hypertext output (either PDF, or HTML using ).  
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 URL: <https://ctan.org/pkg/latex-base>  
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MIRROR: <https://mirror.ctan.org/macros/generic/iftex>
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URL: <https://ctan.org/pkg/stix>  
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URL: <https://ctan.org/pkg/chktex>  
MIRROR: <https://mirror.ctan.org/support/chktex>
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URL: <https://ctan.org/pkg/ln03dvi>  
MIRROR: <https://mirror.ctan.org/dviware/ln03/thomas>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>
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URL: <https://ctan.org/pkg/alphanumb>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/alphanum.bst>
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URL: <https://ctan.org/pkg/bitfield>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/bitfield>

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 URL: <https://ctan.org/pkg/acromake>  
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 URL: <https://ctan.org/pkg/newlrm>  
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 URL: <https://ctan.org/pkg/vrbexin>  
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options are available for visual markup using standard L<sup>A</sup>T<sub>E</sub>X packages such as `diff`. Changes not directly affecting visible text, for example in formatting commands, are still marked in the L<sup>A</sup>T<sub>E</sub>X source. A rudimentary revision facility is provided by another Perl script, `latexrevise`, which accepts or rejects all changes. Manual editing of the difference file can be used to override this default behaviour and accept or reject selected changes only.

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

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

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

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

— *The corelpak-contrib package. Manage Corel-distributed fonts*. 2020-12-17. LICENSE: noinfo

URL: <https://ctan.org/pkg/corelpak-contrib>

MIRROR: <https://mirror.ctan.org/fonts/psfonts/corelpak-contrib>

— *The margbib package. Display bibitem tags in the margins*. 2018-09-14. Version 1.0c. LICENSE: gpl

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

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

— *The mtgreek package. Use italic and upright greek letters with mathtime*. 2016-06-24. Version 1.1+. LICENSE: lppl. This package is an add-on to the `a` style to provide T<sub>E</sub>X support for the use of the MathTime(tm) fonts (formerly distributed by YandY, Inc.). The MathTime package has uppercase Greek letters hardwired to be upright and only upright; this package provides a switch to choose between the two kinds of Greek uppercase letters.

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

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

Titz, Thomas. *The biblatex-authoryear-icomp-tt package. Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX*. 2016-06-24. Version 0.1. LICENSE: lppl. This is a style that combines the features of the styles `authoryear-comp` (omission of recurring author/year in multiple-reference-citations) and `authoryear-ibid` (replacement of repeated citations by the abbreviation `ibidem`). The implementation relies heavily on unmodified BibL<sup>A</sup>T<sub>E</sub>X macros, and no attempt has been made to add further features not present in core BibLaTeX.

URL: <https://ctan.org/pkg/biblatex-authoryear-icomp-tt>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/authoryear-icomp-tt>

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

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

— *The quoting package. Consolidated environment for displayed text*. 2016-06-24. Version 0.1c. LICENSE: lppl1.3. As an alternative to the L<sup>A</sup>T<sub>E</sub>X standard environments `quoting` and `quote`, the package provides a consolidated environment for displayed text. First-line indentation may be activated by adding a blank line before the quoting environment. A key-value interface (using `key=value`) allows the user to configure font properties and spacing and to control orphans within and after the environment.

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

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

Toal, Graham. *The CM Type3 package. Type 3 outline versions of the CM fonts*. 2020-02-04. LICENSE: noinfo

URL: <https://ctan.org/pkg/cmtyp3>

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

MIRROR: <https://mirror.ctan.org/dviware/dtl>

— *The dvgt package. Previewer for use on graphic and character-cell terminals*. 2016-06-24. Version 3.51. LICENSE: pd

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

MIRROR: <https://mirror.ctan.org/dviware/dvgt>

— *The fig2eng package. Convert fig files to English*. 2016-06-24. Version 0.4. LICENSE: noinfo

URL: <https://ctan.org/pkg/fig2eng>

MIRROR: <https://mirror.ctan.org/graphics/fig2eng>

— *The fig2mfpic package. Convert fig output to mfpic*. 2016-06-24. Version 0.024. LICENSE: noinfo. This package is based on `fig2eng`, and is firmly targeted at `fig`.



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MIRROR: <https://mirror.ctan.org/fonts/hands>
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URL: <https://ctan.org/pkg/fortran>  
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URL: <https://ctan.org/pkg/listing-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/listing.mac>
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URL: <https://ctan.org/pkg/prelim>  
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URL: <https://ctan.org/pkg/cuted>  
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- *The flushend package. Balancing columns at last page*. 2021-10-11. Version 4.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/flushend>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
  - *The lithuanian package. Lithuanian language support*. 2018-01-06. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/lithuanian>  
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  - *The lithuanian-babel package. Babel support for documents written in Lithuanian*. 2017-12-13. Version 0.5. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/marginal>
  - *The midfloat package. Mixing onecolumn and twocolumn modes at any place of page*. 2021-10-11. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/midfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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URL: <https://ctan.org/pkg/stabular>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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URL: <https://ctan.org/pkg/stfloats>  
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  - *The texsort package. Sort/compress numerical lists*. 2021-10-11. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/texsort>  
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URL: <https://ctan.org/pkg/sttools>  
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URL: <https://ctan.org/pkg/bookcover>  
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- *The fgruler package. Draw rulers on the foreground or in the text.* 2022-06-25. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fgruler>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fgruler>
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 URL: <https://ctan.org/pkg/huaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/huaz>
- *The hulipsum package. Hungarian dummy text (Lórum ipse).* 2020-11-03. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hulipsum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hulipsum>
- *The numspell package. Spelling cardinal and ordinal numbers.* 2021-11-23. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/numspell>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numspell>
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 URL: <https://ctan.org/pkg/thesis-ekf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thesis-ekf>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xytree>
- Ungar, Peter. *The cropmark-pu package. Cropmark macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cropmark-pu>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/cropmark.tex>
- *The pagereference package. Labels and references in Plain T<sub>E</sub>X.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pagereference>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/pagereference.tex>
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 URL: <https://ctan.org/pkg/aalok>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/aalok>
- *The acs package. L<sup>A</sup>T<sub>E</sub>X 2.09 support for Advances in Control Systems.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/acs>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/acs>
- *The adobe-euro package. Metric and map files for the Adobe Euro fonts.* 2018-06-05. LICENSE: other-free  
 URL: <https://ctan.org/pkg/adobe-euro>  
 MIRROR: <https://mirror.ctan.org/fonts/adobe-euro>
- *The annotate package. A bibliography style with annotations.* 2016-06-24. LICENSE: other-free. The style is a derivative of the standard style, which processes an entry’s field as part of the printed output.  
 URL: <https://ctan.org/pkg/annotate>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotate.bst>
- *The annotation package. A BibTeX style that processes annotations.* 2016-06-24. LICENSE: other-free. The style is a derivative of the standard style, which prints each entry’s label, and processes any field as part of the printed output.  
 URL: <https://ctan.org/pkg/annotation>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotation.bst>
- *The appelt-chess package. Chess board macros using standard fonts.* 2016-06-24. LICENSE: noinfo. The package provides the means of printing chess boards with a more-or-less appropriate selection of glyphs from the computer modern fonts; the macros and allow the progress of a game to be notated and printed.  
 URL: <https://ctan.org/pkg/appelt-chess>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/appelt-chess.tex>
- *The association-matrix package. L<sup>A</sup>T<sub>E</sub>X support for creating association matrices.* 2022-10-29. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/association-matrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/association-matrix>

- *The astyped package. Verbatim environment, with rather few escapes.* 2016-06-24. Version 1.3. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/astyped>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/astyped.sty>
- Unknown. *The asymptote-by-example-zh-cn package. Asymptote by example.* 2021-12-29. LICENSE: gpl  
 URL: <https://ctan.org/pkg/asymptote-by-example-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/asymptote-by-example-zh-cn>
- *The asymptote-faq-zh-cn package. Asymptote FAQ (Chinese translation).* 2021-12-29. LICENSE: lppl. This is a Chinese translation of the  
 URL: <https://ctan.org/pkg/asymptote-faq-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/asymptote-faq-zh-cn>
- *The asymptote-manual-zh-cn package. A Chinese translation of the asymptote manual.* 2018-10-09. LICENSE: lgpl. This is an (incomplete, simplified) Chinese translation of the manual.  
 URL: <https://ctan.org/pkg/asymptote-manual-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/asymptote-manual-zh-cn>
- *The automagic package. Automagic numbering in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/automagic>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/automagic.tex>
- *The autotoc package. Table of contents in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/autotoc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/autotoc.tex>
- *The balanced package. Balance double-column sections in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. Defines a twocolumns environment that can be used anywhere in a one-column document. The environment may start and finish mid-page, and columns are always balanced. Inserts are not supported (so no or floats).  
 URL: <https://ctan.org/pkg/balanced>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/balanced.sty>
- *The baum package. Trees, using PicT<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. The package draws trees, using . There is no documentation, but the distribution contains an example file that makes usage fairly clear.  
 URL: <https://ctan.org/pkg/baum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/baum>
- *The beamertheme-tcolorbox package. A beamer inner theme which reproduces standard beamer blocks using tcolorboxes.* 2022-09-14. Version 0.5. LICENSE: lppl1.3c. This package provides an inner theme for beamer which reproduces standard beamer blocks using es. The look and feel (rounded/sharp corners, shadows and colours) will automatically adapt to which other themes are loaded.  
 URL: <https://ctan.org/pkg/beamertheme-tcolorbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-tcolorbox>
- *The bitstrea package. Support for use of Bitstream fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bitstrea>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/bitstrea>
- *The blackletter package. A blackletter font.* 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/fonts/blackletter>
- *The bmstu-iu8 package. A class for IU8 reports.* 2022-01-25. Version 1.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/bmstu-iu8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bmstu-iu8>
- *The book-examples package. A collection of examples from published T<sub>E</sub>X-related books.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/book-examples>
- *The boxit package. Draw a box around a text.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/boxit>  
 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: lppl1.3c  
 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: lppl1.3c. 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>
- Unknown. *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>
- *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>
- Unknown. *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>
- *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 hackalloc package*. Make allocations local. 2016-06-24. LICENSE: noinfo. The package makes allocation (, , etc.) local.  
 URL: <https://ctan.org/pkg/hackalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hackalloc.sty>
- *The hep-gen package*. Generic macros for quantum physics. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hep-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/hep.tex>
- *The hereapplies package*. A L<sup>A</sup>T<sub>E</sub>X package for referencing groups of pages that share something in common. 2022-09-13. Version 1.0.0. LICENSE: gpl3+. is a L<sup>A</sup>T<sub>E</sub>X package that allows to collect groups of labels and reference them altogether. It can be used for creating informal glossaries that cross-link concepts to their applications, or simply mentioning multiple pages that share something in common.  
 URL: <https://ctan.org/pkg/hereapplies>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hereapplies>
- *The hge package*. An “Old English” font. 2022-04-06. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hge>  
 MIRROR: <https://mirror.ctan.org/fonts/hge>
- *The histyle package*. A “HighStyle” environment for T<sub>E</sub>X. 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/histyle>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/histyle>
- *The hp2xx package*. HP GL converter. 2017-04-18. Version 3.4.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/hp2xx>  
 MIRROR: <https://mirror.ctan.org/support/hp2xx>
- *The 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>



- *The japanese-mathformulas package*. Compiling basic math formulas in Japanese using LuaLaTeX. 2022-10-10. Version 1.0.2. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/japanese-mathformulas>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>
- Unknown. *The JavaBib package*. A BibTeX file manager written in Java. 2016-06-24. Version III. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/javabib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/JavaBib>
- *The jigsaw package*. Draw jigsaw pieces with TikZ. 2022-07-18. Version 0.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/jigsaw>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>
- *The karta package*. Cartographic signs. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/karta>  
 MIRROR: <https://mirror.ctan.org/fonts/karta>
- *The label-pln package*. Print address labels in three columns. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/label-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>
- *The laps package*. Zero-width boxes for annotations, etc. 2020-04-11. LICENSE: noinfo. Provides macros extends the / set in Plain  $\TeX$ :  
 URL: <https://ctan.org/pkg/laps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/laps.tex>
- *The letter-plain package*. Letter macros for Plain  $\TeX$ . 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  $\LaTeX$ .  
 URL: <https://ctan.org/pkg/longtocline>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>
- *The ltxmisc package*. Miscellaneous  $\LaTeX$  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  $X_{\text{La}}\TeX$  or LuaLaTeX. 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  $\TeX$  macros for memoranda. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/memo-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>

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

- Unknown. *The qms package. VMS tools for controlling QMS printers.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/qms>  
 MIRROR: <https://mirror.ctan.org/dviware/qms>
- *The quotation package. Typeset an attributed quotation.* 2016-06-24. LICENSE: noinfo. takes two arguments, the quotation itself, and the attribution. The quotation is set as a page-wide , so placement of commands may be useful for best appearance.  
 URL: <https://ctan.org/pkg/quotation>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/quotation.tex>
  - *The redefine package. Conditional macro, etc., definitions.* 2016-06-24. LICENSE: noinfo. Defines commands , and that warn the user if a command is redefined using them (if operating under L<sup>A</sup>T<sub>E</sub>X, is similarly modified). In addition , , , are modified to detect an error if a conditional or register name is reused.  
 URL: <https://ctan.org/pkg/redefine>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/redefine.tex>
  - *The rotate package. Rotate T<sub>E</sub>X boxes.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/rotate>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/rotate.tex>
  - *The samples package. Samples of Plain T<sub>E</sub>X coding.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/samples>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples>
  - *The sc21 package. Title page for the old ISO TC97/SC21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21.sty>
  - *The sc21-wg1 package. Title page for the old ISO TC97/SC21/WG1 working group.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21-wg1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>
  - *The screen package. Prepare a document for a simple previewer.* 2016-06-24. LICENSE: noinfo. A small package designed to set geometry to prepare a (L<sup>A</sup>T<sub>E</sub>X 2.09) document for viewing with something like .  
 URL: <https://ctan.org/pkg/screen>  
 MIRROR: <https://mirror.ctan.org/dviware/screenview/vms/screen.sty>
  - *The sentences package. Numbered lists for sentences.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sentences>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>
  - *The sfwmac package. A set of definitions for Unix system documentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sfwmac>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>
  - *The sshdbk10 package. Sans headers in book style.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sshdbk10>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>
  - *The tabbingbox package. Save a tabbing environment in a box.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tabbingbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>
  - *The texcad32 package. Win32 drawing package for mathematical diagrams.* 2020-01-19. Version 4.4.1.6. LICENSE: lppl. Texcad32 is one of a number of clones/developments of the DOS program Texcad. Texcad32 can output either to a file of special commands, or to PostScript.  
 URL: <https://ctan.org/pkg/texcad32>  
 MIRROR: <https://mirror.ctan.org/graphics/texcad32>
  - *The Texhax package. Digests of a general T<sub>E</sub>X mailing list.* 2021-08-26. LICENSE: pd  
 URL: <https://ctan.org/pkg/texhax>  
 MIRROR: <https://mirror.ctan.org/info/digests/texhax>
  - *The texindex package. Simple indexing using standard Unix commands.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/texindex>  
 MIRROR: <https://mirror.ctan.org/indexing/texindex>
  - *The tgrind209 package. Support tgrind in L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with L<sup>A</sup>T<sub>E</sub>X 2.09.  
 URL: <https://ctan.org/pkg/tgrind209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>

- Unknown. *The thirteen package. Print dates of Friday 13th days.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/thirteen>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>
- *The threecol package. Three-column newsletter output.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/threecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
  - *The tikz-bbox package. Precise determination of bounding boxes in TikZ.* 2021-01-18. Version 0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-bbox>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
  - *The tikz-ext package. A collection of libraries for PGF/TikZ.* 2022-10-31. Version 0.4.2. LICENSE: fdl,lppl  
 URL: <https://ctan.org/pkg/tikz-ext>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>
  - *The TikZbricks package. Drawing bricks with TikZ.* 2019-09-02. Version 0.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzbricks>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>
  - *The TikZducks package. A little fun package for using rubber ducks in TikZ.* 2020-06-30. Version 1.5. LICENSE: lppl1.3c. The package is a L<sup>A</sup>T<sub>E</sub>X package for ducks to be used in TikZ pictures. This project is a continuation of an answer at StackExchange  
 URL: <https://ctan.org/pkg/tikzducks>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzducks>
  - *The TikZlings package. A collection of cute little animals and similar creatures.* 2022-06-17. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzlings>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzlings>
  - *The TikZmarmots package. Drawing little marmots in TikZ.* 2019-09-02. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzmarmots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmarmots>
  - *The tikztosvg package. A utility for rendering TikZ diagrams to SVG.* 2021-08-20. Version 0.3.0. LICENSE: gpl3. This package provides a shell script that calls and to convert environments to SVG files.  
 URL: <https://ctan.org/pkg/tikztosvg>  
 MIRROR: <https://mirror.ctan.org/support/tikztosvg>
  - *The timeline package. Typeset time-lines, for planning, etc.* 2016-06-24. LICENSE: noinfo. Defines a environment, in which one places a bunch of s. A small sample of use is provided.  
 URL: <https://ctan.org/pkg/timeline>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/timeline>
  - *The tipauni package. Producing Unicode characters with TIPA commands.* 2022-10-21. Version 0.6.1. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/tipauni>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>
  - *The toc package. Table of contents macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/toc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>
  - *The trademarks package. A collection of trademarks and the like.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/trademarks>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>
  - *The twoside package. Two-side typesetting in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/twoside>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>
  - *The UK-TeX package. The UK T<sub>E</sub>X digest.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/uktex>  
 MIRROR: <https://mirror.ctan.org/info/digests/uktex>
  - *The undertilde-gen package. A simple macro for placing a tilde under a character.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/undertilde-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/undertilde.tex>
  - *The unfinished package. Mark unfinished parts of a document.* 2016-06-24. LICENSE: noinfo. The package provides an environment convenient for marking unfinished sections of a document. The environment complains if it thinks the document is not marked as a draft (in the sense of having non-zero.  
 URL: <https://ctan.org/pkg/unfinished>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/unfinished.tex>

- Unknown. *The unisc package. Unicode small caps with Lua/XeLaTeX*. 2022-04-29. Version 0.2. LICENSE: gpl3+,fdl. L<sup>A</sup>T<sub>E</sub>X produces small caps with `or` and `U`. 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., `fontspec`.
- 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 `fontspec` 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. EmT<sub>E</sub>X 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 `wright` 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 2<sub>ε</sub>, 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*. 2022-08-15. Version 2.12.2.0. 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>
- Urban, Michael. *The engwar package. Font for typesetting Tolkien Engwar script*. 2019-06-21. LICENSE: nosell  
URL: <https://ctan.org/pkg/engwar>  
MIRROR: <https://mirror.ctan.org/fonts/engwar>



- Urban, Michael. *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>X2e, 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>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/grotesq>
- user202729. *The cprotectinside package. Use cprotect arbitrarily nested*. 2022-06-27. Version 0.0.0. LICENSE: lppl1.3c. This package extends the package to allow users to use verbatim-like commands inside arbitrary parameters.  
 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 rescansync package. Re-scan tokens with syntex 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*. 2022-07-15. Version 0.0.0. 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/saveenv>
- Utcke, Sven. *The ut-backref package. Modified backref*. 2016-06-24. Version 1.2. LICENSE: noinfo. A patched version of which adds a list of where the reference was cited, to each bibliography entry.  
 URL: <https://ctan.org/pkg/ut-backref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/ut-backref.sty>
- Vabishchevich, Petr. *The LaTeXMng package. An integrated development environment for Windows*. 2016-06-24. Version 2.0. LICENSE: shareware  
 URL: <https://ctan.org/pkg/latexmng>  
 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 size 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>

Välimäki, Tuomas. *The glossaries-finnish package. Finnish language module for glossaries package*. 2019-05-24. Version 1.0. LICENSE: lppl1.3. Finnish language module for package.

URL: <https://ctan.org/pkg/glossaries-finnish>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-finnish>

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>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/occitan>

– *The gloss-occitan package. Polyglossia support for Occitan*. 2016-06-24. Version 0.1. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/gloss-occitan>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss-occitan>

Vamvakas, Ioannis A. and Panagiotis Kotopoulis. *The byzfonts package. Byzantine Music Font*. 2016-06-24. LICENSE: lppl

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

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

Vandeveld, Simon and François Pantigny. *The decision-table package. An easy way to create Decision Model and Notation decision tables*. 2021-10-01. Version 0.0.4. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/decision-table>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/decision-table>

Vannieuwenhuyze, Jorre. *The mcexam package. Create randomized Multiple Choice questions*. 2021-09-12. Version 0.5. LICENSE: lppl1.3c

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 MIRROR: <https://mirror.ctan.org/fonts/mathgifg>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concmath>
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 MIRROR: <https://mirror.ctan.org/obsolete/support/pkfind>
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  - *The einfuehrung package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/einfuehrung>  
 MIRROR: <https://mirror.ctan.org/info/examples/Einfuehrung>
  - *The einfuehrung2 package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/einfuehrung2>  
 MIRROR: <https://mirror.ctan.org/info/examples/Einfuehrung2>
  - *The fbox package. Extended fbox macro from standard L<sup>A</sup>T<sub>E</sub>X*. 2022-02-20. Version 0.06. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/fbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fbox>
  - *The firamath-otf package. Use OpenType math font Fira Math*. 2019-06-09. Version 0.02a. LICENSE: lpl1.3. The package offers XeTeX/LuaTeX support for the .

- URL: <https://ctan.org/pkg/firamath-otf>  
MIRROR: <https://mirror.ctan.org/fonts/firamath-otf>
- Voß, Herbert. *The heros-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Heros*. 2022-10-14. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/heros-otf>  
MIRROR: <https://mirror.ctan.org/fonts/heros-otf>
- *The hvarabic package. Macros for RTL typesetting*. 2021-06-01. Version 0.02. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hvarabic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvarabic>
  - *The hvextern package. Write and execute external code, and insert the output*. 2022-06-24. Version 0.32. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hvextern>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvextern>
  - *The hvfloat package. Controlling captions, fullpage and doublepage floats*. 2022-10-02. Version 2.42. LICENSE: lppl. This package defines a macro to place objects (tables and figures) and their captions in different positions with different rotating angles within a float. All objects and captions can be framed. The main command is `hvf`; a simple example is `hvf`. Options are provided to place captions to the right or left, and rotated. Setting `nonFloat=true` results in placing the float here.  
URL: <https://ctan.org/pkg/hvfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvfloat>
  - *The hvindex package. Support for indexing*. 2022-01-25. Version 0.04. LICENSE: lppl. The package simplifies the indexing of words using the command `hvindex`. With the package, to index a word in a text, you only have to type it once; the package makes sure it is both typeset and indexed.  
URL: <https://ctan.org/pkg/hvindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvindex>
  - *The hvlogos package. Print T<sub>E</sub>X-related names as logo*. 2022-05-08. Version 0.09. LICENSE: lppl  
URL: <https://ctan.org/pkg/hvlogos>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvlogos>
  - *The hvpygmentex package. Syntax-Highlighting of program code*. 2022-03-08. Version 0.01. LICENSE: lppl1.3c. The package is based on `pygment` but provides an automatic run from within the document itself, with the option `hvpygmentex`. It does not need the additional action by the user to run the external program to create the code snippets.  
URL: <https://ctan.org/pkg/hvpygmentex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvpygmentex>
  - *The hvqrurl package. Insert a QR code in the margin*. 2021-05-18. Version 0.02. LICENSE: lppl1.3. This package allows to draw an URL as a QR code into the margin of a one- or twosided document. The following packages are loaded by default: `qr`, `qrurl`, and `url`.  
URL: <https://ctan.org/pkg/hvqrurl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvqrurl>
  - *The isopt package. Writing a T<sub>E</sub>X length with a space between number and unit*. 2018-01-07. Version 0.01. LICENSE: lppl. Writing a T<sub>E</sub>X length with `\isopt` writes the value and the unit without a space. Package `isopt` provides a macro which inserts a user defined space between number and unit.  
URL: <https://ctan.org/pkg/isopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isopt>
  - *The latex-bib-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-bib-ex>  
MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib>
  - *The latex-bib2-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-bib2-ex>  
MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib2>
  - *The LaTeX-Referenz package. Examples from the book "L<sup>A</sup>T<sub>E</sub>X Referenz"*. 2020-06-07. Version 2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-referenz>  
MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>
  - *The latex-tabellen package. L<sup>A</sup>T<sub>E</sub>X Tabellen*. 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/latex-tabellen>  
MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>
  - *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>

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

- Voß, Herbert. *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>
  - *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)
- Voß, Herbert. *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>
- *The pstricks-base package. PostScript macros for T<sub>E</sub>X*. 2022-10-23. Version 3.17. 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*. 2022-04-29. Version 2.08m. 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*. 2021-12-25. Version 3.92. 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.  
 URL: <https://ctan.org/pkg/pst-text>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-text>
- Voß, Jakob. *The acroterm package. Manage and index acronyms and terms*. 2021-08-26. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/acroterm>  
 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>

- Vrba, Anton. *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>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cnbwp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
  - *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
 URL: <https://ctan.org/pkg/drawing>  
 MIRROR: <https://mirror.ctan.org/graphics/drawing>
  - *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.  
 URL: <https://ctan.org/pkg/ean13isbn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>

- Wagner, Zdeněk. *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: lppl  
 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: lppl1.3  
 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: lppl1.3. 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: lppl  
 URL: <https://ctan.org/pkg/zwpagelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
- Wagner, Zdeněk and Petr Olšák. *The encxvlna package. Insert nonbreakable spaces, using encTeX*. 2018-05-30. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/encxvlna>  
 MIRROR: <https://mirror.ctan.org/macros/generic/encxvlna>
- Wagner, Zdeněk, Anshuman Pandey, Frans Velthuis, Steven T. Smith, Dominik Wujastyk, and François Patte. *The devanagari package. Typeset Devanagari*. 2020-06-07. Version 2.17.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/devanagari>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/velthuis>
- Wahl, Tobias. *The MiniPlot package. A package for easy figure arrangement*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/miniplot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/miniplot>
- Waldi, Roland. *The wasy package. The wasy fonts (Waldi symbol fonts)*. 2020-01-24. Version 2.5. LICENSE: pd  
 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>
- Walsh, Norman. *The comp-fonts-FAQ package. Frequently Asked Questions from comp.fonts*. 2016-06-24. Version 2.1.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/comp-fonts-faq>  
 MIRROR: <https://mirror.ctan.org/help/comp-fonts-FAQ>
- *The HPt.fm2pl 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>

- Walsh, Norman. *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>
- *The macfont package. Convert Apple type 1 fonts for use under Windows*. 2016-06-24. Version 1.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/macfont>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/macfont>
  - *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>
- Walsh, Norman and George Greenwade. *The htmhelp package. HTML translation of VMS help files*. 2016-06-24. LICENSE: noinfo  
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.  
URL: <https://ctan.org/pkg/beamerthemennord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemennord>
- 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>
- Ward, Greg. *The bt00L package. Perl library for parsing and processing BibTeX files*. 2016-06-24. Version 0.32. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bt00l>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/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  
 URL: <https://ctan.org/pkg/delig>  
 MIRROR: <https://mirror.ctan.org/support/delig>
- Wartenburger, Lucas. *The juraabbrev package. Abbreviations for typesetting (German) juridical documents*. 2016-06-24. LICENSE: gpl  
 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>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otftofd>
- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaTeX*. 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  
 URL: <https://ctan.org/pkg/historische-zeitschrift>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/historische-zeitschrift>
- Wawrykiewicz, Staszek and Tomasz Przechlewski. *The tex-virtual-academy-pl package. TeX usage web pages, in Polish*. 2019-06-21. LICENSE: fdl  
 URL: <https://ctan.org/pkg/tex-virtual-academy-pl>  
 MIRROR: <https://mirror.ctan.org/info/tex-virtual-academy-pl>
- 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>
- Webb, Duncan. *The notes package. Mark sections of a document*. 2016-06-24. Version 1.0.1. LICENSE: lppl. The package provides environments to highlight significant portions of text within a document, by putting the text in a box and adding an icon in the margin. (The icons are provided as ‘fig’ sources, processable by .)  
 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 TeX Live Team. *The web2c package. Conversion programs and supporting code to compile TeX in C*. 2022-01-17. LICENSE: gpl  
URL: <https://ctan.org/pkg/web2c>
- Weberndorfer, Christoph. *The srdp-mathematik package. Typeset Austrian SRDP in mathematics*. 2022-10-23. Version 1.10.3. 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.  
URL: <https://ctan.org/pkg/srdp-mathematik>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/srdp-mathematik>
- Weeks, Andrew, Frank M. Siegert, and Thomas Henlich. *The ttf2pt1 package. Convert TrueType fonts to Adobe Type 1 format*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/ttf2pt1>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/ttf2pt1>
- Wegner, Dagny and Arnim Wegner. *The harmony package. Typeset harmony symbols, etc., for musicology*. 2016-06-24. LICENSE: lppl. The package harmony.sty uses the packages and from the bundle, together with the L<sup>A</sup>T<sub>E</sub>X font and the font from .  
URL: <https://ctan.org/pkg/harmony>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harmony>
- 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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musuos>
- Weh, Tobias and Jonathan P. Spratte. *The menukeys package. Format menu sequences, paths and keystrokes from lists*. 2022-09-07. Version 1.6.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/menukeys>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/menukeys>
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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: lpl. 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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 URL: <https://ctan.org/pkg/labelmag>  
 MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/labelmag>
  - *The latexwizard package. Create the header of a L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. Version 1.0 beta 4. LICENSE: noinfo  
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 URL: <https://ctan.org/pkg/auncial>  
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 URL: <https://ctan.org/pkg/auncial-new>  
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URL: <https://ctan.org/pkg/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>
  - *The cypriot package. A script which was used on Cyprus for writing Greek.* 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/cypriot>  
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URL: <https://ctan.org/pkg/gothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/gothic>
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URL: <https://ctan.org/pkg/bxjatoucs>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
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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.  
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URL: <https://ctan.org/pkg/bxtexlogo>  
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URL: <https://ctan.org/pkg/ifptex>  
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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)p<sub>L</sub>TeX.* 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>
- Yato, Takayuki. *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. LaTeX 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 zxjafbfont package. Fallback CJK font support for xeCJK*. 2016-12-18. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/zxjafbfont>  
 MIRROR: <https://mirror.ctan.org/language/japanese/zxjafbfont>
  - *The ZXjafont package. Set up Japanese font families for XeLaTeX*. 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 XeLaTeX*. 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 LaTeX*. 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 LaTeX 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: lpl1.3  
 URL: <https://ctan.org/pkg/uowthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uowthesis>
- Yi, Qu. *The easybook package. Easily typesetting Chinese theses or books*. 2022-11-04. Version 1.71C. LICENSE: lpl1.3c. is a pure academic template created based on the book document class. It also has the functions of and document class. Combined with the general framework design of the dissertation of many universities in China, providing multiple commands and interfaces allows users to easily customize the thesis template. Its basic macro package easybase can also be used with CTeX and standard document classes.  
 URL: <https://ctan.org/pkg/easybook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easybook>
- *The spbmark package. Customize superscripts and subscripts*. 2022-10-15. Version 1.42. LICENSE: cc-by-4. This package provides three commands , and to improve the layout of superscripts and subscripts which can be adjusted with respect to relative position and format, and can be used in text and math mode.  
 URL: <https://ctan.org/pkg/spbmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spbmark>
- Yin, Zhenhao. *The hfutthesis package. LaTeX Thesis Template for Hefei University of Technology*. 2022-08-02. Version 1.0.4. LICENSE: lpl1.3c. This project is based on the LaTeX template of Hefei University of Technology compiled on the basis of , in accordance

with the latest version of and .  
 URL: <https://ctan.org/pkg/hfutthesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/hfutthesis>

You, Jiarui. *The qyxf-book package. Book Template for Qian Yuan Xue Fu.* 2020-09-11. Version 3.1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/qyxf-book>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qyxf-book>

Young, Joel D. *The afthesis package. Air Force Institute of Technology thesis class.* 2016-06-24. Version 2.7. LICENSE: pd  
 URL: <https://ctan.org/pkg/afthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/afthesis>

Yuan, Xu. *The seuthesis package. L<sup>A</sup>T<sub>E</sub>X template for theses at Southeastern University.* 2018-04-05. Version 2.1.2. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/seuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seuthesis>

Yuan, Xu and The PGF/TikZ Team. *The pgf-umlcd package. Some L<sup>A</sup>T<sub>E</sub>X macros for UML Class Diagrams.* 2022-05-22. Version 0.3.  
 LICENSE: gpl2,lpl1.3c  
 URL: <https://ctan.org/pkg/pgf-umlcd>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-umlcd>

Zabelin, Anatoly A. *The hoffset-voffset package. Calculate values for \hoffset and \voffset.* 2016-06-24. LICENSE: lpl  
 URL: <https://ctan.org/pkg/hoffset-voffset>  
 MIRROR: <https://mirror.ctan.org/support/hoffset-voffset>

Zacccone, Rick. *The excalibur package. Macintosh spell checker.* 2017-04-18. Version 4.0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/excalibur>  
 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>

— *The keyindex package. Index entries by key lookup.* 2019-05-01. Version 1.0. LICENSE: lpl1.3c. The package provides functionality for producing an index without directly entering index entries into the text using the command, but instead by looking up short keys and printing a predefined string in the main text and adding a corresponding index entry. The standard use case is the production of an index of names.  
 URL: <https://ctan.org/pkg/keyindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyindex>

— *The lplfitch package. Fitch-style natural deduction proofs.* 2017-04-18. Version 0.9. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/lplfitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lplfitch>

— *The ptolemaicastronomy package. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals).* 2019-05-01. Version 1.0. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/ptolemaicastronomy>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ptolemaicastronomy>

— *The ucalgmthesis package. L<sup>A</sup>T<sub>E</sub>X thesis class for University of Calgary Faculty of Graduate Studies.* 2019-10-24. LICENSE: mit  
 URL: <https://ctan.org/pkg/ucalgmthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucalgmthesis>

Zachhuber, Jonathan. *The geschichtsfk1 package. BibL<sup>A</sup>T<sub>E</sub>X style for historians.* 2016-09-21. Version 1.4. LICENSE: lpl  
 URL: <https://ctan.org/pkg/geschichtsfk1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/geschichtsfk1>

Zadka, Moshe. *The viiptart package. 7pt-article class.* 2016-06-24. Version 0.1. LICENSE: other-free. An article-like document class whose is 7pt rather than 10pt.  
 URL: <https://ctan.org/pkg/viiptart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/viiptart>

Zahumensky, Adam. *The kanaparser package. Kana parser for LuaT<sub>E</sub>X.* 2018-06-24. Version 1.0. LICENSE: bsd  
 URL: <https://ctan.org/pkg/kanaparser>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/kanaparser>

Zaia, Emilio Augusto Lazo. *The elzcards package. Typeset business cards, index cards and flash cards easily.* 2019-08-17. Version 1.60. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/elzcards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elzcards>



- Zaia, Emilio Augusto Lazo. *The factura package. Typeset and calculate invoices according to Venezuelan law*. 2022-01-22. Version 4.32. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/factura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/factura>
- Zaitseff, John. *The unswthesis package. UNSW theses*. 2016-06-24. Version 1.6a. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/unswthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unswthesis>
- Zakharevich, Ilya. *The mathsci2bibtex package. Convert Mathsci database information to BibTeX*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mathsci2bibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/mathsci2bibtex>
- *The tex2mail package. Converts T<sub>E</sub>X to mailable "ASCII art"*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tex2mail>  
 MIRROR: <https://mirror.ctan.org/support/tex2mail>
- Zalmstra, Joost. *The figplace package. Floating figures in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/figplace>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/figplace.tex>
- Zandt, Timothy Van. *The fancybox package. Variants of \fbox and other games with boxes*. 2016-06-24. Version 1.4. LICENSE: lppl1.2. Provides variants of `:`, `:`, `:`, with helpful tools for using box macros and flexible verbatim macros. You can box mathematics, floats, center, flushleft, and flushright, lists, and pages.  
 URL: <https://ctan.org/pkg/fancybox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
- *The poster-mac package. Make posters and banners with T<sub>E</sub>X*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/poster-mac>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poster>
- Zandt, Timothy Van, Rolf Niepraschk, and Herbert Voß. *The multido package. A loop facility for Generic T<sub>E</sub>X*. 2018-09-15. Version 1.42. LICENSE: lppl. The package provides the command, which was originally designed for use with `.`. Fixed-point arithmetic is used when working on the loop variable, so that the package is equally applicable in graphics applications like PSTricks as it is with the more common integer loops.  
 URL: <https://ctan.org/pkg/multido>  
 MIRROR: <https://mirror.ctan.org/macros/generic/multido>
- Zandt, Timothy Van, Sebastian Rahtz, Denis Girou, and Herbert Voß. *The seminar package. Make overhead slides*. 2021-07-01. Version 1.63a. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/seminar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seminar>
- Zandt, Timothy Van, Michael Sharpe, and Herbert Voß. *The pst-node package. Nodes and node connections in PSTricks*. 2022-01-31. Version 1.43. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-node>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-node>
- Zandt, Timothy Van and Herbert Voß. *The colortab package. Shade cells of tables and halign*. 2018-01-06. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortab>  
 MIRROR: <https://mirror.ctan.org/macros/generic/colortab>
- *The frame package. Framed boxes for Plain T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: lppl. A jiffy file (taken from `<frame.dvi>`) for placing a frame around a box of text. The macros also provide for typesetting an empty box of given dimensions.  
 URL: <https://ctan.org/pkg/frame>  
 MIRROR: <https://mirror.ctan.org/macros/generic/frame>
  - *The pst-3d package. A PSTricks package for tilting and other pseudo-3D tricks*. 2016-06-24. Version 1.10. LICENSE: lppl. The package provides basic macros that use for shadows, tilting and three dimensional representations of text or graphical objects.  
 URL: <https://ctan.org/pkg/pst-3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3d>
  - *The pst-ovl package. Create and manage graphical overlays*. 2020-05-01. Version 0.07b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-ovl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ovl>
  - *The pst-plot package. Plot data using PSTricks*. 2022-01-25. Version 1.93. LICENSE: lppl. The package provides plotting of data (typically from external files), using `.`. Plots may be configured using a wide variety of parameters.  
 URL: <https://ctan.org/pkg/pst-plot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-plot>



- Zandt, Timothy Van and Herbert Voß. *The pst-tvz package. Draw trees with more than one root node, using PSTricks*. 2016-06-24. Version 1.01. LICENSE: lppl1.3. The package uses PSTricks to draw trees with more than one root node. It is similar to , though it uses a different placement algorithm.  
URL: <https://ctan.org/pkg/pst-tvz>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tvz>
- *The twoup-gen package. Macros to print two-up*. 2020-05-09. Version 1.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/twoup-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/2up>
  - *The xcomment package. Allows selected environments to be included/excluded*. 2019-06-09. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/xcomment>  
MIRROR: <https://mirror.ctan.org/macros/generic/xcomment>
- Zandt, Timothy Van, Herbert Voß, Denis Girou, Sebastian Rahtz, and Niall Mansfield. *The fancyvrb package. Sophisticated verbatim text*. 2022-06-06. Version 4.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancyvrb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyvrb>
- Zannarini, Emanuele and Mauro Sacchetto. *The l2tabu-italian package. Italian Translation of Obsolete packages and commands*. 2016-06-24. Version 2.3. LICENSE: other-free. Italian translation of the practical guide to L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε (a list of obsolete packages and commands).  
URL: <https://ctan.org/pkg/l2tabu-italian>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/italian>
- Zaretskii, Eli. *The djgpp package. DJGPP-based version of T<sub>E</sub>X for MS-DOS*. 2019-09-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
- Zaslavsky, David. *The physymb package. Assorted macros for Physicists*. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/physymb>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
- Zavala, Roberto Alvarez. *The nahuatl package. Render nahuatl glyphs*. 2021-10-15. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nahuatl>  
MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
- Zedler, Michael and Michael Sharpe. *The FourierNC package. Use New Century Schoolbook text with Fourier maths fonts*. 2016-06-24. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.  
URL: <https://ctan.org/pkg/fouriernc>  
MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
- Zeman, Michal. *The fnspe package. Macros for supporting mainly students of FNSPE CTU in Prague*. 2017-09-20. Version 1.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/fnspe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
- Zeng, Xiangdong. *The emoji package. Emoji support in (Lua)LaTeX*. 2021-07-17. Version 0.2.2. LICENSE: lppl1.3c. This package allows users to typeset emojis in L<sup>A</sup>T<sub>E</sub>X documents. It requires the LuaHBTeX engine, which can be called by since T<sub>E</sub>X Live 2020, or in T<sub>E</sub>X Live 2019.  
URL: <https://ctan.org/pkg/emoji>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
- *The fduthesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for Fudan University*. 2022-09-04. Version 0.8. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
  - *The firamath package. Fira sans serif font with Unicode math support*. 2020-10-15. Version 0.3.4. LICENSE: ofl. Fira Math is a sans-serif font with Unicode math support. The design of this font is based on and . Fira Math is distributed in OpenType format and can be used with the package under X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX. More support is offered by the package.  
URL: <https://ctan.org/pkg/firamath>  
MIRROR: <https://mirror.ctan.org/fonts/firamath>
  - *The noto-emoji package. Noto Emoji fonts*. 2022-03-22. Version 2.034. LICENSE: ofl  
URL: <https://ctan.org/pkg/noto-emoji>  
MIRROR: <https://mirror.ctan.org/fonts/noto-emoji>
  - *The twemoji-colr package. Twemoji font in COLR/CPAL layered format*. 2022-10-28. Version 0.7.0. LICENSE: cc-by-sa-4,apache2. This is a COLR/CPAL-based color OpenType font from the collection of emoji images.

- URL: <https://ctan.org/pkg/twemoji-colr>  
MIRROR: <https://mirror.ctan.org/fonts/twemoji-colr>
- Zeng, Xiangdong. *The zhlipsum package. Chinese dummy text*. 2020-04-26. Version 1.2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zhlipsum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zhlipsum>
- Zhang, Gary. *The chs-physics-report package. Physics lab reports for Carmel High School*. 2018-09-06. LICENSE: pd,cc-by-sa-3  
URL: <https://ctan.org/pkg/chs-physics-report>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chs-physics-report>
- Zhang, Linbo, Wenchang Sun, and Qing Lee. *The cjkpunct package. Adjust locations and kerning of CJK punctuation marks*. 2019-03-02. Version 4.8.4. LICENSE: lppl1.3. The package serves as a companion package for .  
URL: <https://ctan.org/pkg/cjkpunct>  
MIRROR: <https://mirror.ctan.org/language/chinese/cjkpunct>
- Zhang, Ruixi. *The lstfiracode package. Use Fira Code font for listings*. 2018-12-24. Version 0.1c. LICENSE: lppl1.3c. The package defines 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>
- Zhang, Taihao. *The lectureslides package. Combine single PDF files into one file*. 2022-03-08. Version 1.0. LICENSE: cc-by-4  
URL: <https://ctan.org/pkg/lectureslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectureslides>
- Zhang, Tingxuan. *The fixdif package. Macros for typesetting differential operators*. 2022-10-27. Version 1.4b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fixdif>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixdif>
- *The pangram package. A L<sup>A</sup>T<sub>E</sub>X package for testing fonts*. 2022-11-02. Version 0.0b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pangram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pangram>
- Zhang, Yue. *The fixjfm package. Fix JFM (for \*pTeX)*. 2022-07-20. Version 0.8. LICENSE: knuth  
URL: <https://ctan.org/pkg/fixjfm>  
MIRROR: <https://mirror.ctan.org/macros/jptex/generic/fixjfm>
- *The ifxptex package. Detect pTeX and its derivatives*. 2017-12-27. Version 0.2. LICENSE: knuth  
URL: <https://ctan.org/pkg/ifxptex>  
MIRROR: <https://mirror.ctan.org/macros/generic/ifxptex>
  - *The upzhkinsoku package. Supplementary Chinese kinsoku for Unicode \*pTeX*. 2018-04-07. Version 0.5. LICENSE: knuth  
URL: <https://ctan.org/pkg/upzhkinsoku>  
MIRROR: <https://mirror.ctan.org/macros/generic/upzhkinsoku>
- Zhao, Alick. *The beamerthemetamu package. A beamer theme for Texas A&M University*. 2019-06-21. Version 1.1. LICENSE: lppl1.3c,gpl2+  
URL: <https://ctan.org/pkg/beamerthemetamu>  
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