

# The CTAN Bibliography

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## Contents

<b>1 Bibliography data</b>	<b>1</b>
<b>2 Bibliography list by package name</b>	<b>2</b>
<b>References</b>	<b>127</b>

## 1 Bibliography data

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

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

```
@manual{ctan-a0poster,
  title      = {The \texttt{a0poster} package},
  subtitle   = {Support for designing posters on large paper},
  author     = {Gerlinde Kettl and Matthias Weiser},
  date       = {2016-06-24},
  version    = {1.22b},
  license     = {lppl},
  mirror     = {https://mirror.ctan.org/macros/latex/contrib/a0poster},
  url        = {https://ctan.org/pkg/a0poster},
  annotation = {Provides fonts in sizes of 12pt up to 107pt and also makes sure
    that in math formulas the symbols appear in the right size. Can
    also create a PostScript header file for
    which ensures that the poster will be
    printed in the right size. Supported sizes are DIN A0, DIN A1,
    DIN A2 and DIN A3.},
}
```

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

Currently there are 6466 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	29	E	34	F	40	G	46	H	50	I	54	J	57
K	58	L	60	M	69	N	77	O	81	P	83	Q	93	R	94	S	97	T	107
U	117	V	120	W	122	X	123	Y	126	Z	127								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	280
a2ac	AFM to AFM plus Composites	Olšák	377
a2ping	Advanced PS, PDF, EPS converter	Szabó	470
a4	Support for A4 paper sizes	Poppelier, Braams	396
a4wide	”Wide” a4 layout	Holt, Lamy	261
a5comb	Support for a5 paper sizes	Wolczko	539
aaai-named	BibTeX style for AAAI	Patel-Schneider	386
aaai	AAAI style	Patel-Schneider	386
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal ‘Aalok’	Unknown	501
aastex	Macros for Manuscript Preparation for AAS Journals	AAS	131
abbr	Simple macros supporting abbreviations for Plain and L <sup>A</sup> T <sub>E</sub> X	Thành	484
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	466
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	238
abc2mtex	Notate tunes stored in ABC notation	Walshaw	529
abnt	Typesetting academic works according to ABNT rules	Cherem	177
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	133
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	128
Aboensis	A late medieval OpenType cursive font	Syrjänen	468
abraces	Asymmetric over-/underbraces in maths	Grundlingh	240
abspos	Absolute placement with coffins	Hetland	256
abstbook	Books of abstracts	Havlik	249
abstr-collect	Print a collection of abstracts	Balemi	139
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	412
abstyles-babel	Adaptable styles for use with Babel	Bautista	143
abstyles-orig	Adaptable BibTeX styles	Bode	154
academicons	Font containing high quality icons of online academic profiles	Fernandes	211
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
accenti	Extra accented character macros, designed for Italian	Bosisio	157
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	553
accents	Multiple mathematical accents	Bezos López	320
accessibility	Create tagged and structured PDF files	Clifton	182
accfonts	Utilities to derive new fonts from existing ones	Smith	451
accsupp	Better accessibility support for PDF files	Oberdiek	368
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	542
achicago-bst	Chicago Manual BibTeX style	Swift	467
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	466
acm	ACM document style	Leichter	314
acmart	Class for typesetting publications of ACM	Veytsman	515
acmconf	Class for ACM conference proceedings	Vollmer	520
acmproc	Style option for ACM proceedings	Lamport	308
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	308
acro	Typeset acronyms	Niederberger	363
acroflex	Create a graphing widget in a PDF file	Story	461
acromake	Make commands for acronyms	Thompson	492
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	461
acronym	Expand acronyms at least once	Oetiker, Oberdiek	376

<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	280
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	234
AcroSort	Sort sliced image into order	Story	461
acroterm	Manage and index acronyms and terms	Voß	526
acrotex-js	JavaScript files used by acrotex and other packages	Story	461
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	461
acrotex	The AcroTeX education bundle	Story	461
acroweb	Scripts to create interactive tests from a database	Mařík	336
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	501
active-conf	Class for typesetting ACTIVE conference papers	Robertson	410
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	233
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	233
adami	A DOS system for working with Tamil	Srinivasan	456
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	142
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	273
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	227
addliga	Access basic ligatures in legacy TrueType fonts	Miller	347
addlines	A user-friendly wrapper around \enlargethispage	Robertson	410
address	Generate form letters and address labels	Wester, Damrau	533
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	450
addtoluatexpath	Add paths to Lua packages and input T <sub>E</sub> X files	Ewasiuk	207
adfathesis	Australian Defence Force Academy thesis format	Harker	248
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	404
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	404
adhocfilelist	'\listfiles' entries from the command line	Lück	326
adigraph	Augmenting directed graphs	Cappelletti	169
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	515
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	427
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	501
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	515
adobe	Adobe cmap and pdfmapping files	Adobe	128
adobeornaments	Using ornaments in Adobe Fonts with LuaL <sup>A</sup> T <sub>E</sub> X or XeL <sup>A</sup> T <sub>E</sub> X	Granet	235
adrconv	BibTeX styles to implement an address database	Kielhorn	283
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribille	456
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	149
advdate	Print a date relative to "today"	Wagner	527
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	205
aeb-minitoc	Create mini-tocs	Story	461
aeb-mlink	Multi-line links with hyperref	Story	461
aeb-mobile	Format PDF files for use on a smartphone	Story	461
AeB Pro	Items from the AeB Pro Family of Software	Story	461
aeb-tilebg	AeB Tiling Backgrounds	Story	461
aeb_dad	A drag-and-drop matching game with PDF files	Story	461
aebenvelope	The AeB Pro eEnvelope System	Story	461
AeB slicing	An image slicer	Story	461
aebXMP	Add advanced metadata to PDF files	Story	461
aecc	Almost European Concrete Roman virtual fonts	Rivera	409
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	415
aesupp	Special support for the æ character	Jørgensen	273
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	181
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	205
AFMtopl (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	539
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	515
afterpackage	Add commands to package after it's loaded	Rozhenko	422
afterpage	Execute command after the next page break	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
afthesis	Air Force Institute of Technology thesis class	Young	548
aguplus	Styles for American Geophysical Union	Daly	188
aiaa	Typeset AIAA conference papers	Kleb	286
aichej	Bibliography style file for the AIChE Journal	Schaber	427
aifont	Remap Computer Modern fonts	Collins	184
ajl	BibTeX style for AJL	Nash	360
AkkTeX	A collection of packages and classes	Akkerman	129
akletter	Comprehensive letter support	Kielhorn	283
akshar	Support for syllables in the Devanagari script	Vũ	527
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	467
albatross	Find fonts that contain a given glyph	Island of TeX	267
alchemist	Typeset alchemist and astrological symbols	Buxbaum	167
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	152
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	200
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	500
algobox	Typeset Algobox programs	Rivaud	409
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	442
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	214
algorithmicx	The algorithmic style you always wanted	János	269
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	161
algpseudocodex	Package for typesetting pseudocode	Matt	338
algxpar	Support multiple lines of pseudocode	Moreira	352
aliascnt	Alias counters	Oberdiek	368
aligned-overset	Fix alignment at \overset or \underset	Krüger	302
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	479
allegno	Automatic numbering of all equations	Thornburg	492
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	533
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	309
alltt2	Indented version of alltt	Wolczko, Lamport	539
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support	Hamid	244
alnumsec	Alphanumeric section numbering	Küster	306
alpha-persian	Persian version of alpha.bst	Shapour	442
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	279
alphabib	Add alphabetical headers into citations	Hilléreau	257
alphalph	Convert numbers to letters	Oberdiek	368
alphanum-bst	Modified alpha BibTeX style	Thomas	492
alphanum	Sectioning commands for jura	Braun	160
alphanumb	A modification of alpha.bst	Thomas	492
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	339
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	285
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	218
altsubsup	Subscripts and superscripts with square brackets	Labbé	307
altverse	Typesetting verse	Shipunov	446
ama	AMA manual of style citations	Kort, Trickey	299
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	384
amiri	A classical Arabic typeface, Naskh style	Hosny	262
amiweb2c-guide	How to install AmiWeb2c	Finnberg	214
amiweb2c	An Amiga port of web2C	Scherer	430
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	245

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	533
amsaddr	Alter the position of affiliations in amsart	Lelong	315
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	485
amsbook	L <sup>A</sup> T <sub>E</sub> X document class for AMS books	The AMS	485
amsbsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	487
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	487
amscdx	Enhanced commutative diagrams	Vermeer	514
amscls-doc	User documentation for AMS document classes	The AMS	485
amscls	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	485
amsfonts	TeX fonts from the American Mathematical Society	The AMS	485
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	257
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	485
amslatexdoc-vie...	Vietnamese translation of AMSL <sup>A</sup> T <sub>E</sub> X documentation	Huynh	265
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	485
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	211
amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	487
amsidx	Support for multiple indexes in AMS Classes	The AMS	485
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	487
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	344
amsppt	AMS-TeX article preprint document style	The AMS	485
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	485
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	485
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	486
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	485
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	487
amsthm	Typesetting theorems (AMS style)	The AMS	485
analogclock	An analog ticking clock package for PDF output	Randez	403
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	479
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	234
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	532
annee-scolaire	Automatically typeset the academic year (French way)	Henel	253
annot-pro	Create text, stamp and file attachment annotations	Story	461
annotate-equations	Easily annotate math equations using TikZ	John	272
annotate	A bibliography style with annotations	Unknown	501
annotation-pkg	Suppress or permit annotations to a document	Hofmann	259
annotation	A BibTeX style that processes annotations	Unknown	501
anonchap	Make chapters be typeset like sections	Robertson, Wilson	412
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	146
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	206
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	532
answers	Setting questions (or exercises) and answers	Wright, Piff	542
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	364
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	153
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	183
anti	Typeset an anti-particle in maths mode	Holmes	261
antique-spanish...	A short document about antique spanish units	Merino Hernández	255
antomega	Alternative language support for Omega/Lambda	Kryukov	303
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	368
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	368
antttvf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbiński	534
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	276
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	470
ansize	A simple package to set up document margins	Esser	206
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	212

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aomart	Typeset articles for the Annals of Mathematics	Veytsman	515
apa	American Psychological Association format	Protopapas	398
apa6	Format documents in APA style (6th edition)	Beitzel	148
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	452
apa7	Format documents in APA style (7th edition)	Weiss	532
apabst	Early APA BibTeX style	Rogers	416
apacite	Citation style following the rules of the APA	Meijer	344
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	424
apalike-german	A copy of apalike.bst with German localization	Braun	160
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	406
apasoft	An APA-like style for BibTeX	Porr	396
apeqnum	Number equations by appendix	Hosek	261
apl	Fonts for typesetting APL programs	Hohti, Kanerva	260
aplweb	Literate programming in APL	Schweigert	439
apnum	Arbitrary precision numbers implemented by T <sub>E</sub> X macros	Olšák	377
appelt-chess	Chess board macros using standard fonts	Unknown	501
appendix	Extra control of appendices	Robertson, Wilson	412
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	315
apprendre-a-pro...	The book “Apprendre à programmer en T <sub>E</sub> X”	Tellechea	478
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	142
apptools	Tools for customising appendices	Kuhnert	304
apxproof	Proofs in appendix	Senellart	441
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	144
arabi-add	Using hyperref and bookmark packages with arabic and farsi lan- guages	Lakhdar	308
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	267
arabic-book	An Arabic book class	Alziyadi	131
arabic	Read a lower-case roman number	Selberg	441
arabicfront	Frontmatter with arabic page numbers	Bezos López	321
arabluatex	ArabTeX for LuaLaTeX	Alessi	129
arabtex	Macros and fonts for typesetting Arabic	Lagally	307
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	175
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	251
aramaic	Fonts for Aramaic script	Wilson	535
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	174
arbeit	Typeset classwork exercises	Burkhardt	165
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	157
archaic	A collection of archaic fonts	Wilson, Zimmermann, Sy- ropoulos	539
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
arcs	Draw arcs over and under text	Boggio-Togna	154
arev	Fonts and L <sup>A</sup> T <sub>E</sub> X support files for Arev Sans	Hartke	249
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	380
armtex	A system for writing in Armenian with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	187
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	445
aro-bend	Exercises in T <sub>E</sub> X, with answers	Downes	196
arosg	Support for the Bengali language	Ali	131
around-the-bend	Typeset exercises in T <sub>E</sub> X, with answers	Downes, Wilson	196
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	544
arphic	Arphic (Chinese) font packages	Lemberg	315
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arraycols	New column types for array and tabular environments	Missier	348
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	445
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	445
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	133
arraysort	Sort arrays (or portions of them)	Lee	313
arrow	Eplain macros for commutative diagrams	Smith	452
ArsClassica	A different view of the ClassicThesis package	Pantieri	384
artex	Make filecontents environments of non-standard files or packages	Efford	202
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	487
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	352
artthreads	Support for article threads	Story	462
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
arXivBib	Get bibliography entries from arXiv.org	Forkosh	218
arydshln	Draw dash-lines in array/tabular	Nakashima	359
asaetr	Transactions of the ASAE	Pearson	387
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	468
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	226
asc2tex	Retrieve text from screenshots	Götz	233
ascelike	Bibliography style for the ASCE	Kuhn	304
ascii-chart	An ASCII wall chart	Eijkhout	202
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	447
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	470
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	239
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	270
askinclude	Interactive use of \includeonly	Straub, Oberdiek	464
askmaps	Typeset American style Karnaugh maps	op den Brouw	162
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	318
asmejour	A template for ASME journal papers	Lienhard	318
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	144
aspell	Spell checker	Atkinson	137
assignment	A class file for typesetting homework and lab assignments	Singh	449
assoccnt	Associate counters, making them step when a master steps	Hupfer	264
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	501
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	305
astro	Astronomical (planetary) symbols	Schmitt	433
astron	BibTeX style for astronomical journals	Hogeveen	260
astyped	Verbatim environment, with rather few escapes	Unknown	501
asyfig	Commands for using Asymptote figures	Robertson	410
asymptote-by-ex...	Asymptote by example	Unknown	501
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	501
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	501
asymptote	2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language	Bowman, Hammerlindl	158
asypictureB	User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X	Staats III	265
at	Short commands starting '@'	Wooding	540
atari-cstex	TeX for Atari machines	Brandt	159
atbegshi	Execute stuff at \shipout time	Oberdiek	369
atenddvi	Provides the \AtEndDvi command	Oberdiek	369
atendofenv	Add a custom symbol at the end of an environment	Zhou	552
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	479
attachfile	Attach arbitrary files to a PDF document	Pakin	381
attachfile2	Attach files into PDF	Oberdiek	369
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	467
atveryend	Hooks at the very end of a document	Oberdiek	369

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	306
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	486
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	431
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	536
auncial	Artificial Uncial manuscript book-hand font	Wilson	536
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	230
aurl	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höfner	258
aurora	Header files for dvips to make colour separations	Freeman	220
authblk	Support for footnote style author/affiliation	Daly	188
authoraftertitle	Make author, etc., available after \maketitle	Bilger	152
authorarchive	Adds self-archiving information to scientific papers	Brucker	162
authordate	Author/date style citation styles	Rhead	408
authorindex	Index citations by author names	Wettstein	533
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	521
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	410
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	430
autoalign	Align terms and members in math expressions	Tellechea	478
autobreak	Simple line breaking of long formulae	Ueda	499
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	338
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	138
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	223
autolist	More lists	Shipunov	446
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	501
automata	Finite state machines, graphs and trees in MetaPost	Puppis	398
automatica	A harvard-family BibTeX style	Balemi	139
autonum	Automatic equation references	Häcker	242
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	533
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	490
autopuncitems	Automatically punctuate lists	Ewasiuk	207
autosp	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	479
autotab	Generating tabulars from input data	Kruljac	303
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	501
autoview	Maintain a Ghostscript view of emacs buffer	Goel	230
auxhook	Hooks for auxiliary files	Oberdiek	369
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	193
aweb	Web system for programs written in Ada	Schweigert	439
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	192
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	185
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	514
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	183
<b>BBBBB</b>			
blencoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	536
babel-albanian	Support for Albanian within babel	Bezos López, Braams	322
babel-azerbaijani	Support for Azerbaijani within babel	Bezos López	321
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	291
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Gareia	129
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	367
babel-bosnian	Babel contrib support for Bosnian	Halilčević	244
babel-breton	Babel contributed support for Breton	Rolland	417



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezos López, Braams	157
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	240
babel-contrib	Contributed language-support files for Babel	various authors	512
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	380
babel-czech	Babel support for Czech	Bezos López, Braams	322
babel-danish	Babel contributed support for Danish	Bezos López, Braams	322
babel-dutch	Babel contributed support for Dutch	Bezos López, Braams	322
babel-english	Babel support for English	Bezos López, Braams	323
babel-esperanto	Babel support for Esperanto	Bezos López, Braams, Martí	324
babel-estonian	Babel support for Estonian	Vajakas, Saar	511
babel-finnish	Babel support for Finnish	Bezos López, Braams	323
babel-french	Babel contributed support for French	Flipo	215
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	144
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	409
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	447
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	402
babel-greek	Babel support for the Greek language and script	Syropoulos, Bezos López, Braams, Milde	470
babel-hebrew	Babel support for Hebrew	Bezos López, Braams, Lavva, Rosendahl, Fogiel	324
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	470
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezos López	133
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezos López	291
babel-interlingua	Babel support for Interlingua	Bezos López, Braams	323
babel-irish	Babel support for Irish	Bezos López, Braams	323
babel-italian	Babel support for Italian text	Bezos López, Braams, Beccari, Codogno	323
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	266
babel-kurmanji	Babel support for Kurmanji	Bezos López, Braams	323
babel-latin	Babel support for Latin	Wehr, Bezos López, Braams, Beccari	532
babel-latvian	Babel support for Latvian	Lasis, Bezos López	310
babel-lithuanian	Babel support for documents written in Lithuanian	Tolušis	494
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	496
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezos López	291
babel-norsk	Babel support for Norwegian	Bezos López, Braams	323
babel-occitan	Babel support for Occitan	Valmary	511
babel-piedmontese	Babel support for Piedmontese	Beccari	144
babel-polish	Babel support for Polish	Bezos López, Braams, Schalück, Janich, Woliński	324
babel-portuges	Babel support for Portuges	Bezos López, Braams	323
babel-romanian	Babel support for Romanian	Bezos López, Braams, Horst, Juhasz	323
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	144
babel-russian	Russian language module for Babel	Kotelnikov	300
babel-samin	Babel support for Samin	Bezos López, Braams, Jernsletten	324
babel-scottish	Babel support for Scottish Gaelic	Bezos López, Braams	323

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-serbian	Babel/Polyglossia support for Serbian	Bezós López, Braams, Stefanović	324
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	160
babel-slovak	Babel support for typesetting Slovak	Bezós López, Braams, Chlebíková, Tesařík	323
babel-slovenian	Babel support for typesetting Slovenian	Bezós López, Braams	323
babel-sorbian	Babel support for Upper and Lower Sorbian	Bezós López, Braams, Werner	324
babel-spanglish	Simplified Spanish support for Babel	Rivera	409
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	324
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	323
babel-thai	Support for Thai within babel	Karoonboonyanan	277
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	332
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	159
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	316
babel-welsh	Babel support for Welsh	Braams, Bezós López	159
babel	Multilingual support for L <sup>A</sup> T <sub>E</sub> X, LuaL <sup>A</sup> T <sub>E</sub> X, XeL <sup>A</sup> T <sub>E</sub> X, and Plain T <sub>E</sub> X	Bezós López, Braams	322
babelbib	Multilingual bibliographies	Harders, Preining	248
babeltools	Tools for dealing with Babel annoyances	Bezós López	321
babylonianum	Typeset Babylonian numerals with XeT <sub>E</sub> X	Pinson	393
backgrnd	Mark text with grey background or change bar	Schmitt	433
background	Placement of background material on pages of a document	Medina Arellano	133
backnaur	Typeset Backus Naur Form definitions	Robson	414
backref	Make hyper-references back from bibliography to citation	Oberdiek	369
backrefx	Bibliographical back referencing	Els	204
badge	Print badge labels	van Oostrum	378
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	284
bagpipe	Support for typesetting bagpipe music	Innis	266
bahyph	Hyphenation for Basque	Aguirregabiria	129
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	335
bakoma-games	BaKoMa modules for music and games	Malyshev	335
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	335
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	335
balance	Balanced two-column mode	Daly	188
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	501
balancedquotes	Code balanced quotes according to document language	Selberg	441
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	262
bangorcsthesis	Typeset a thesis at Bangor University	Gray	236
bangorexam	Typeset an examination at Bangor University	Gray	236
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	383
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	286
bar	A patched version of bar.sty	Bleser, Lang	153
barcodes-vulis	A font for making barcodes	Vulis	527
barcodes	Fonts for making barcodes	Willadt	535
bard	Celtic bardic runes font	Lüddecke	328
bardi	Hyphenation and babel support for Bardi	Bowern	158
bardiag	L <sup>A</sup> T <sub>E</sub> X package for drawing bar diagrams	Stepanyan	459
bargraph-js	Create bar graphs using form fields and JavaScript	Story	462
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	153
barracuda	Draw barcodes with Lua	Giacomelli	226
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	141
base	Definitive source of Plain T <sub>E</sub> X on CTAN	Knuth	292
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bashkirian	Bashkirian extension to OT2 fonts	Knappen	290
basicarith	Macros for typesetting basic arithmetic	Goodman	231
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	306
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	237
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	404
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	442
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	442
basque-book	Class for book-type documents written in Basque	Ibarra	265
basque-date	Print the date in Basque	Ibarra	265
bath-bst	Harvard referencing style as recommended by the University of Bath Library	Ball	139
battleship	A L <sup>A</sup> T <sub>E</sub> X style file for typesetting Battleship logic puzzles	Kleber	286
baum	Trees, using PicTeX	Unknown	501
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	342
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	360
bbfig	Calculate and print bounding box	Batchelder, Cosell	142
bb12html	Convert a L <sup>A</sup> T <sub>E</sub> X .bbl file to formatted html code	Blok	153
bbm-macros	L <sup>A</sup> T <sub>E</sub> X support for "blackboard-style" cm fonts	Hilbrich	256
bbm	"Blackboard-style" cm fonts	Robert	410
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	261
bbold	Sans serif blackboard bold	Jeffrey	271
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	442
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	416
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	304
bclogo	Creating colourful boxes with logos	Chupin	180
bdfchess	Typeset correspondence chess games	Hassel	249
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	521
beamer-rl	Right to left presentation with beamer and babel	Bou	158
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	168
beamer-verona	A theme for the beamer class	Valbusa	511
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	347
beamer2thesis	Thesis presentations using beamer	Fiandrino	212
beamerappendixnote	Create notes on appendix frames in beamer	Semken	441
beameraudience	Assembling beamer frames according to audience	Marschall	337
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	465
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	181
beamerdarkthemes	Dark color themes for beamer	Thiriet	492
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	197
beamerframe	Reorder frames in the PDF file	Kaufmann	278
beamerswitch	Convenient mode selection in Beamer documents	Ball	139
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	390
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	375
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	346
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	263
beamertheme-focus	A minimalist presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Africa	129
beamertheme-light	A minimal beamer style	Vergnet, Goepp	513
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	520
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	337
beamertheme-phn...	A simple beamer theme	Ol	376
beamertheme-pur...	A minimalistic presentation theme for L <sup>A</sup> T <sub>E</sub> X Beamer	Clasen	181
beamertheme-rai...	A beamer colour theme which alternates theme colours on every frame	Unknown	502
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	224

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Beamertheme-Sim...	Template for a simple presentation	Huang	264
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	264
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	502
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	308
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	464
beamerthemeAmur...	A new modern beamer theme	Chupin	180
beamerthemeJLTree	Contributed beamer theme	Lelong	315
beamerthemelalic	A beamer theme for LALIC	Moreira	352
beamerthemenirma	A Beamer theme for academic presentations	Revar	407
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	529
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	552
bearwear	Shirts to dress TikZbears	Fischer	214
beaulivre	Write your books in a colorful way	XU	543
beautybook	A beautiful book template for maths and science	Lu	326
Beebe-DVI	A modular collection of DVI processors	Beebe	146
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	144
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	217
begriff	Typeset Begriffschrift	Parsons	385
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	448
beletter	Typeset Belgian letters	Kilfiger, Lenaerts	284
belleek	Free replacement for basic MathTime fonts	Kinch	285
bellmac	Outline scheme for form letter production	Bell	148
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	404
bengali-pandey	Support for the Bengali language	Pandey, Das	384
bera	Bera fonts	Rosenau, Dirr, Schmidt	418
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	405
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	192
bestpapers	A BibTeX package to produce lists of authors’ best papers	Veytsman	515
betababel	Insert ancient greek text coded in Beta Code	Berkemeier	150
beton	Use Concrete fonts	Jensen	271
beuron	The script of the Beuronese art school	Wehr	531
bewerbung	Typesetting job applications	Hilbig	256
bez123	Support for Bezier curves	Robertson, Wilson	412
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	417
bfh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	388
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	355
bg	Annotate backgammon matches and positions	Richter	408
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	156
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	409
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	246
bguq	Improved quantifier stroke for Begriffschrift packages	Green	237
BHCexam	An exam class for mathematics teachers in China	Bao	140
bib-fr	French translation of classical BibTeX styles	Markey	336
bib-greek	A BibTeX style for Greek documents	Syropoulos	468
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	220
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	471
bib2ml	BibTeX to HTML/SQL/XML translator	Galland	223
bib2xhtml	Convert BibTeX Files into XHTML	Spinellis, Hull	455
BibArts	“Arts”-style bibliographical information	Baumann	143
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	249
bibcard	An XView based interface for BibTeX databases	Grossniklaus, Ogden	240
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	400

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibclean	A BibTeX prettyprinter, verifier, etc	Beebe	146
bibcop	Style checker for .bib files	Bugayenko	164
bibdb	BibTeX bibliography manager for MS-Windows and MS-DOS	Doron	196
bibentry	Full bibliography entries in the main text of a document	Daly	188
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	162
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	285
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	285
biber-linux	Biber binaries for Linux	Kime	284
biber-macos	Biber binaries for MacOS	Kime	285
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	285
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	285
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	285
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	285
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	470
biber-windows	Biber binaries for Windows	Kime	285
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	285
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	240
bibexport	Extract a BibTeX file based on a .aux file	Markey	336
bibextract	Utilities to extract BibTeX data	Beebe	146
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	386
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	360
bibfind	Prints entries in your bib file that match search string	Breivik	160
bibhtml	BibTeX support for HTML files	Gray	236
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	206
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	337
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	137
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	419
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	285
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	285
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	160
biblatex-arthis...	BibLaTeX citation style covers the citation and bibliography guidelines for art historians	Bossert, Kemper	158
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	493
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	139
biblatex-bookin...	Manage book edited in article	Rouquette	419
biblatex-bookin...	Manage book edited in other entry type	Rouquette	419
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	521
biblatex-casper...	A simple citation style for Chinese users	Vector	513
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	405
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	541
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	222
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	419
biblatex-cv	Create a CV from BibTeX files	Shub	447
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	530
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	169
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	532
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	454
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	552
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	161
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	194
biblatex-historian	A BibLaTeX style	Gliboff	229



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>biblatex-ieee</code>	IEEE style files for BibLaTeX	Wright	541
<code>biblatex-ijrsra</code>	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	157
<code>biblatex-iso690</code>	BibLaTeX style for ISO 690 standard	Hoftich	259
<code>biblatex-jura</code>	BibLaTeX stylefiles for German legal literature	Hard	246
<code>biblatex-jura2</code>	Citation style for the German legal profession	Christoph	180
<code>biblatex-juradiss</code>	BibLaTeX stylefiles for German law theses	Schwan, Voß	438
<code>biblatex-license</code>	Add license data to the bibliography	Wagner	527
<code>biblatex-lncs</code>	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	233
<code>biblatex-lni</code>	LNI style for BibLaTeX	Kopp	299
<code>biblatex-luh-ipw</code>	BibLaTeX styles for social sciences	Heins	251
<code>biblatex-manusc...</code>	Manage classical manuscripts with BibLaTeX	Rouquette	419
<code>biblatex-mla</code>	MLA style files for BibLaTeX	Clawson	182
<code>biblatex-morenames</code>	New names for standard BibLaTeX entry type	Rouquette	419
<code>biblatex-ms</code>	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X (multiscript version)	Kime	285
<code>biblatex-multip...</code>	Load multiple datamodels in BibLaTeX	Rouquette	419
<code>biblatex-musuos</code>	A BibLaTeX style for citations in musuos.cls	Weh	531
<code>biblatex-nature</code>	BibLaTeX support for Nature	Wright	541
<code>biblatex-nejm</code>	BibLaTeX style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	131
<code>biblatex-nottsc...</code>	Citation style for the University of Nottingham	Bossert	157
<code>biblatex-opcit...</code>	Use op. cit. for the booktitle of a subentry	Rouquette	420
<code>biblatex-oxref</code>	BibLaTeX styles inspired by the Oxford Guide to Style	Ball	139
<code>biblatex-philos...</code>	Styles for using BibLaTeX for work in philosophy	Valbusa	511
<code>biblatex-phys</code>	A BibLaTeX implementation of the AIP and APS bibliography style	Wright	541
<code>biblatex-publist</code>	BibLaTeX bibliography support for publication lists	Spitzmüller	455
<code>biblatex-readbbl</code>	Read a .bbl file created by biber	Voß	521
<code>biblatex-realau...</code>	Indicate the real author of a work	Rouquette	420
<code>biblatex-sbl</code>	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	398
<code>biblatex-science</code>	BibLaTeX implementation of the Science bibliography style	Wright	541
<code>biblatex-shortf...</code>	Use short forms of fields with BibLaTeX	Rouquette	420
<code>biblatex-social...</code>	BibLaTeX-style for the social sciences at HU Berlin	Bossert	157
<code>biblatex-software</code>	BibLaTeX stylefiles for software products	Di Cosmo	185
<code>biblatex-source...</code>	References by “division” in classical sources	Rouquette	420
<code>biblatex-spbasic</code>	A BibLaTeX style emulating Springer’s old spbasic.bst	Voß	521
<code>biblatex-subseries</code>	Manages subseries with BibLaTeX	Rouquette	420
<code>biblatex-swiss...</code>	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	519
<code>biblatex-trad</code>	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	532
<code>biblatex-true-c...</code>	Correction of some limitation of the citepages=omit option of BibLaTeX styles	Rouquette	420
<code>biblatex-unified</code>	BibLaTeX implementation of the unified stylesheet for linguistics journals	von Fintel	214
<code>biblatex-vancouver</code>	Vancouver style for BibLaTeX	Mondal	351
<code>BibLaTeX</code>	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X	Lehman, Kime	314
<code>biblatex2bibitem</code>	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	137
<code>BiBLE</code>	A BibTeX library editor	Schreiber	435
<code>bibleref-french</code>	French translations for bibleref	Rouquette, Pinson	421
<code>bibleref-german</code>	German adaptation of bibleref	Waßenhoven	530
<code>bibleref-lds</code>	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	385
<code>bibleref-mouth</code>	Consistent formatting of Bible references	Parry	385
<code>bibleref-parse</code>	Specify Bible passages in human-readable format	Kuhnert	304
<code>bibleref</code>	Format bible citations	Talbot, Rouquette	476
<code>bibletext</code>	Insert Bible passages by their reference	Staps	458
<code>biblio-perl</code>	System for maintaining and presenting bibliographies	Stepanyan	459
<code>biblio</code>	A collection of bibliographies	Beebe	146



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biblist	Print a BibTeX database	Schrod	435
biblook	Fast searching of BibTeX files	Erickson, Beebe	206
biblos	CGI interface to BibTeX files	Moller	351
bibmods	Tighter tolerances for bibliographies	Beebe	146
bibplain	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	211
bibsort	Sort a BibTeX bibliography file	Beebe	146
BibTeX-examples	Examples of BibTeX usage	Beebe	146
BibTeX Database...	A simple interactive script to generate BibTeX Files	Gupta	241
BibTeX-help	VMS help file for BibTeX	Greenwade	237
bibtex-test	BibTeX testing files	Beebe	146
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	386
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	280
BibTexMng	Manipulate BibTeX database files	VNP Comp	520
bibtexperllibs	BibTeX Perl Libraries	Gossen, Veytsman	233
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	246
BibTool	A tool for manipulating BibTeX files	Neugebauer	360
bibttools	Bib management tools	Kotz, Gildea	300
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	142
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	436
bibunits	Multiple bibliographies in one document	Fernández, Hansen	211
bibutils	A collection of bibliography format convertors	Putnam	398
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	318
bibview	View BibTeX files	Jacobsen	269
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	383
bicaption	Support for bilingual captions	Sommerfeldt	453
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	442
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	281
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	281
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	281
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	281
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	281
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	281
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	281
bidstobibtex	Convert BIDS returns to BibTeX	Stone	460
bigdelim	Big delimiters in tabular or array	van Oostrum	378
bigfoot	Footnotes for critical editions	Kastrup	278
bigintcalc	Integer calculations on very large numbers	Oberdiek	369
bigints	Writing big integrals	Merciadri	344
bigsign	Making "big signs" (mini-posters)	Lingnau	319
bigstrut	Struts for opening up tabular spacing	van Oostrum	378
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	338
bigtabular	Tabulars that can split at page boundaries	Duchier	198
biihead	Underlined page headings	Shapin	442
bilingualpages	Typeset two columns in parallel	Coles	183
binarytree	Drawing binary trees using TikZ	Nikolova	366
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	278
binomexp	Calculate Pascal's triangle	Roderick	414

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	167
biocon	Typesetting biological species names	Edelman	202
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	446
biolett-bst	A BibT <sub>E</sub> X style for the journal “Biology Letters”	DeSouza	192
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	479
biolist	List observed species	Shipunov	446
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	139
bit2spr	Convert bitmaps to “sprites”	Rovner	421
bitelist	Split list, in T <sub>E</sub> X’s mouth	Lück	326
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	492
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	276
bitpattern	Typeset bit pattern diagrams	Bourguet	158
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	467
bitset	Handle bit-vector datatype	Oberdiek	369
bitstrea	Support for use of Bitstream fonts	Unknown	502
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
bizcard	Typeset business cards	Kirsch	286
bjfuthesis	A thesis class for Beijing Forestry University	Liu	319
blackboard	Comparison of blackboard bold fonts	Kummer	305
blackletter	A blackletter font	Unknown	502
blacklettert1	T1-encoded versions of Haralambous old German fonts	Bronger	162
blanks	Macros for “fill in the blanks” forms	Varian	512
blindtext	Producing ‘blind’ text for testing	Lickert	317
blkarray	Extended array and tabular	Carlisle	169
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	467
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	530
block	A block letter style for the letter class	Huang	263
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	493
BLOpenType	A basic LuaT <sub>E</sub> X OpenType handler	Rivera	409
bloques	Generate control diagrams	Ruiz	424
blowup	Upscale or downscale all pages of a document	Niepraschk	365
blox	Draw block diagrams, using TikZ	Reish	406
blue	A document preparation system	van der Laan	307
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	172
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	454
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	155
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	301
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	301
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	369
bmstu-iu8	A class for IU8 reports	Unknown	502
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	367
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	399
bnumexpr	Extends eT <sub>E</sub> X’s \numexpr.. \relax construct to big integers	Burnol	165
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	384
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	276
bohr	Simple atom representation according to the Bohr model	Niederberger	363
boisik	A font inspired by Baskerville design	Mitek	348
boites	Boxes that may break across pages	Zoonekynd, Malaquias	554
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	207
boldline	Heavier lines in tables	Shipunov	446
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	214
bondgraph	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	200
bondgraphs	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	218

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
book-examples	A collection of examples from published T <sub>E</sub> X-related books	Unknown	502
book-of-common-...	Typeset in the style of “Book of Common Prayer”	Coles	183
book	A class for typesetting books	L <sup>A</sup> T <sub>E</sub> X Team	487
bookcover	A class for book covers and dust jackets	Tómacs	495
bookdb	A BibTeX style file for cataloguing a home library	Wilson	536
bookest	Extended book class	Bresciani	161
bookform	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	343
bookhands	A collection of book-hand fonts	Wilson	536
booklet	Aids for printing simple booklets	Robertson, Wilson	412
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	369
bookshelf	Create a nice image from a BibTeX file	Flynn	217
booktabs-de	German version of booktabs	Römer, Manderla	418
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	198
booktabs	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	204
boolexpr	A boolean expression evaluator and a switch command	Chervet	177
boondox	Mathematical alphabets derived from the STIX fonts	Sharpe	442
bophook	Provides an At-Begin-Page hook	Tinnefeld	493
borceux	Diagram macros by François Borceux	Borceux	155
border	Draw a black border around a Plain T <sub>E</sub> X page	Briser	161
bosisio	A collection of packages by Francesco Bosisio	Bosisio	157
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	447
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	447
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	381
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	440
boxit-ltx	An environment for boxing things	van der Goot	233
boxit	Draw a box around a text	Unknown	502
bpchem	Typeset chemical names, formulae, etc	Pedersen	387
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	254
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	177
bracketkey	Produce bracketed identification keys	Heibl	250
braids	Draw braid diagrams with PGF/TikZ	Stacey	456
braille	Support for braille	Park, Unruh	385
braket	Dirac bra-ket and set notations	Arseneau	133
brandeis-disser...	Class for Brandeis University dissertations	Burt, Peck	167
brandeis-proble...	Document class for COSI Problem sets at Brandeis University (Waltham, MA)	Turner	499
brandeis-thesis	A class for Brandeis University M.A. theses	Burt	166
brcllc	Support 16-bit (double) calculations in L <sup>A</sup> T <sub>E</sub> X	Radgen	399
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	262
breakurl	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	168
bredzenie	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	540
breqn	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	196
bridge-pln	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	307
bridge	Typesetting bridge diagrams	van der Laan	307
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	250
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	477
brushscr	A handwriting script font	Loreti	325
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	314
bsheaders	Double-ruled chapter heading style	Loreti	325
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	237
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	447
btable	Bordered tables	van der Laan	307
bt00L	Perl library for parsing and processing BibTeX files	Ward	530

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bubblesort	Bubble sorts a list	Taylor	477
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown, Changcheng Student Network	509
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	345
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	381
burmese	Basic Support for Writing Burmese	Reese, Lepper	405
buscard	A document style for business cards	Roth	419
business-research	Markup for the journal Business Research	Löffler, Schanz	320
businesscard-qr...	Business cards with QR-Code	Wäckerlin	527
bussproofs-extra	Extra commands for bussproofs.sty	Zach	548
bussproofs	Proof trees in the style of the sequent calculus	Buss	167
BXbase	BX bundle base components	Yato	545
bxcalc	Extend the functionality of the calc package	Yato	546
bxCJKatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	546
bxdpx-beamer	Dvipdfmx extras for use with beamer	Yato	546
bxdivdriver	Enables specifying a driver option effective only in DVI output	Yato	546
bxeepic	Eepic facilities using pict2e	Yato	546
bxenclose	Enclose the document body with some pieces of code	Yato	546
BXghost	Ghost insertion for proper xkanjiskip	Asakura	136
BXjoholiday	Support for Japanese holidays	Asakura	136
BXjalipsum	Dummy text in Japanese	Yato	546
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	546
bxjatoucs	Convert Japanese character code to Unicode	Yato	546
BXjscis	Japanese document class collection for all major engines	Yato	546
bxnewfont	Enhanced \newfont command	Yato	546
bxorigcapt	To retain the original caption names when using Babel	Yato	546
bxpapersize	Synchronize output paper size with layout paper size	Yato	546
bxpdfver	Specify version and compression level of output PDF files	Yato	546
bxtexlogo	Additional T <sub>E</sub> X-family logos	Yato	546
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	547
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	419
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	450
bytefield	Create illustrations for network protocol specifications	Pakin	381
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	185
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	511
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	440
c2cweb	C language prettyprinter	Lemberg	315
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	403
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
cachepic	Convert document fragments into graphics	Trzeciak	497
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	447
cahierprof	Schedule and grade books for French teachers	Giromini	228
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	240
caladea	Support for the Caladea family of fonts	Tennent	480
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	491
calcage	Calculate the age of something, in years	Schneider	434
calctab	Language for numeric tables	Giacomelli	226
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	217
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	222
calendar-Barr	A calendar document	Barr	140
calendar	A package for calendars and timetables	Bennett	149
calendarweek	Calculate the week number of a date	Hoekwater	257
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	512

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
calligra	Calligraphic font	Vanroose, Dachian	511
callouts	Put simple annotations and notes inside a picture	Stuetz	465
calorie	Calorie checking for dieters	Aonuma	132
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	553
cals	Multipage tables with wide range of features	Parashchenko	384
calxxxx-yyyy	Print a calendar for a group of years	Münch	354
calxxxx	Prints a card-size calendar for any year	Jankovic	269
camel	Prototype work on future citation engine	Bennett	149
cancel	Place lines through maths formulae	Arseneau	133
canoniclayout	Create canonical page layouts with memoir	Beccari	144
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	351
capbas	Capital baseball "matrix printer" font collection	Bloemen	153
capparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	160
capt-of	Captions on more than floats	Fairbairns, Carlisle	207
captcont	Retain float number across several floats	Cochran	182
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	207
caption	Customising captions in floating environments	Sommerfeldt	453
caption2	Superseded version of the caption package	Sommerfeldt	453
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	363
card-set	Typeset text for cardfile cards	Potuček Jr.	275
card	Print visiting cards	Balemi	139
carlisle	David Carlisle's small packages	Carlisle	169
carlito	Support for Carlito sans-serif fonts	Tennent	480
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	273
carolmin	Carolingian Miniscule manuscript book-hand font	Wilson	536
cartonaugh	A LuaL <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Bouajjaj	158
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	384
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	139
cascover	Make cassette covers	Raaijmakers	399
cases	Numbered cases environment	Arseneau	134
casiofont	Support for the Casio ClassWiz font	Munn	356
cassette-shipunov	Print labels for audio cassettes	Shipunov	446
cassette	Typeset cassette box inserts	Strip	465
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	460
casstbl	Typeset cassette labels	Besson	151
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	192
catalan	Catalan hyphenation patterns	Wierda	534
catalanbib	Bibliographic styles for use in Catalan	Fuster	222
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	535
catchfile	Catch an external file into a macro	Oberdiek	369
catchfilebetwee...	Catch text delimited by docstrip tags	Chervet	177
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	326
catdoc	Text extractor for word files	Wagner	527
catdvi	A DVI to plain text translator	Kaijanaho, Brill	276
catechis	Macros for typesetting catechisms	Goodman	231
catoptions	Preserving and recalling standard catcodes	Musa	358
causets	Draw causal set (Hasse) diagrams	Minz	348
cbcoptic	Coptic fonts and L <sup>A</sup> T <sub>E</sub> X macros for general usage and for philology	Beccari, Rosmorduc	145
cbe	Bibliography style for Council of Biology Editors format	Rogers	416
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	144
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	145
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	269
ccaption	Continuation headings and legends for floats	Robertson, Wilson	412



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	431
cchess	Chinese chess	Richer, Mittelbach	408
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	500
CClicenses	Typeset Creative Commons licence logos	Pignalberi	393
ccool	A key-value document command parser	Rogard	415
cd	Typeset CD covers	Vigna, Lemberg	518
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	502
cdcover	Typeset CD covers	Holm Christensen	180
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	202
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	345
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	341
cell	Bibliography style for Cell	Schneider	434
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	409
cellspace	Ensure minimal spacing of table cells	Noirel	366
cellular	Cellular table construction	Pittman	394
cellwise	Building tables one cell at a time	Borck-Elsner	156
celtic	A TikZ library for drawing celtic knots	Stacey	456
censor	Tools for producing redacted documents	Segletes	440
centeredline	A macro for centering lines	Burnol	165
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	219
centernot	Centred \not command	Oberdiek	369
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	268
cesenaexam	A class file to typeset exams	Pacini	380
cfgguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	487
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	405
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	405
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	159
changelayout	Change the layout of individual pages and their text	Musa	358
changelog	Typesetting keepachangelog.com style changelogs	Turner	499
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	412
changes	Manual change markup	Kleinod	289
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	208
chapref	Bibliography details per chapter	Knaggs	290
chapterbib	Multiple bibliographies in a document	Arseneau	134
chapterfolder	Package for working with complicated folder structures	Mathieu	338
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	480
charter	Charter fonts	Bitstream	152
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	435
chbibref	Change the Bibliography/References title	Wilson	536
cheatsheet	A simple cheatsheet class	Hinrichs	257
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	203
check	A syntax checker and tidier	Grothmann	240
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gregorio	174
checkend	Extend “improperly closed environment” messages	Bezoz López	321
checklab	A patch for the label-checking code	Fairbairns, Carlisle	207
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	158
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	256
chemarr	Arrows for chemists	Oberdiek	369
chemarrow	Arrows for use in chemistry	Schroeder	437
chembst	A collection of BibTeX files for chemistry journals	Schenk	430
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	430



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemcono	Support for compound numbers in chemistry documents	Schulz	437
chemexec	Creating (chemical) exercise sheets	Niederberger	363
chemfig	Draw molecules with easy syntax	Tellechea	478
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	363
chemgreek	Upright Greek letters in chemistry	Niederberger	363
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	363
chemnum	A method for numbering chemical compounds	Niederberger	363
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	544
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	210
chemscheme	Support for chemical schemes	Wright	541
chemschemeX	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	448
chemsec	Automated creation of numeric entity labels	Finnerty	214
chemstruct	Structural organic chemistry	Ramek	402
chemstyle	Writing chemistry with style	Wright	541
chemsym	Macros for typing chemical symbols	Dahlgren	187
chemtex	Structural chemistry	Haas	242
cheq	Adobe chess font	Renner	407
cherokee	A font for the Cherokee script	Stanier	457
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	258
chess	Fonts for typesetting chess boards	Tutelaers	499
chessboard	Print chess boards	Fischer	214
chessfss	A package to handle chess fonts	Fischer	214
chessmin	Minimal chess diagrams	Blair	153
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	460
chextras	A companion package for the Swiss typesetter	Oriet	378
chgbar	Draw change bars in the margin	Johnson	273
chhaya	Linguistic glossing in Marathi language	Unknown	502
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	306
chicago	A "Chicago" bibliography style	Glenn	229
chicagoa	"Chicago" bibliography style with annotations	Glenn	229
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	496
chifoot	Chicago-style footnote formatting	Miller	347
childdoc	Directly compile \include'd child documents	Beisert	147
china2e	Font and macros for Chinese calendar	Heyl	256
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	502
chinesechess	Typeset Chinese chess with l3draw	Geng	225
chitex	A Chinese T <sub>E</sub> X system	Chen	176
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	206
chkfloat	Warn whenever a float is placed "to far away"	Hejda	251
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	315
chktx	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	492
chletter	Class for typesetting letters to Swiss rules	Oriet	378
chngcntr	Change the resetting of counters	Robertson, Wilson	412
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	412
chomsky	Macros to typeset parsing trees	Barr	140
chordbars	Print chord grids for pop/jazz tunes	Kramm	301
chordbox	Draw chord diagrams	Franzen	219
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	280
chronology	Provides a horizontal timeline	Wiseman, Armacost	539
chronosys	Drawing time-line diagrams	Long	320
chs-physics-report	Physics lab reports for Carmel High School	Zhang	551
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	448
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	302
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	480

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	311
circle	Maths mode circles for temporal logic	Barthelmann	141
circledsteps	Typeset circled numbers	Giannetti	226
circledtext	Create circled text	Geng	225
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	132
CircuitikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt, Giannetti	404
cirth	Fonts for Cirth	Habets, Grant	242
citation-style-...	Bibliography formatting with Citation Style Language	Lee	313
cite-bundle	Citation management bundle	Arseneau	134
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	134
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	214
citeref	Add reference-page-list to bibliography-items	Briel	161
citesidx	Produce a citation list for the bibliography	Buchholz	163
CJ	BibTeX style for Computer Journal	Gärtner	224
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	360
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	275
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	315
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	397
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	284
cjk	CJK language support	Lemberg	315
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	551
cjw	A bundle of packages and classes	Wynne	542
clara	A serif font family	Miller	347
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	487
classico	URW Classico fonts	Tennent	480
classics	Cite classic works	Lourenço de Lima	318
ClassicThesis	A “classically styled” thesis package	Miede	345
classif2	Biological classification tables	Shipunov	446
classlist	Record classes used in a document	Oberdiek	369
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	217
cleantesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	310
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
clefval	Key/value support with a hash	Henel	253
cleveref-usedon	Adds forward-referencing functionality to the cleveref package	Pistre	394
cleveref	Intelligent cross-referencing	Cubitt	186
clicks	Slide Deck Animation	Bugayenko	164
clip	A language-independent literate programming tool	Van Ammers, Kramer	132
clipboard	Copy and paste into and across documents	Lourenço de Lima	318
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	415
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	184
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	309
closefrm	Tidy up after reading a MetaPost file	Vieth	518
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	221
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	231
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	185
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	185
clrstrip	Place contents into a full width colour strip	Spratte	455
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	487
cluttex	An automation tool for running L <sup>A</sup> T <sub>E</sub> X	Arata	133
cm-afm	Adobe Font Metrics for the CM fonts	MacKay	332
cm-gf	Generate GF format for CM	Ramsdell	403
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	303
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	278

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	393
cm-mf	Sources of the Computer Modern fonts	Knuth	292
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	292
cm-super	CM-Super family of fonts	Volovich	520
cm-tfm	Metric files for the Computer Modern fonts	Knuth	292
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	384
cm	Computer Modern fonts	Knuth	292
cmactex	TeX for the Macintosh	Kiffe	283
cmap	Make PDF files searchable and copyable	Volovich, Krüger	521
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	203
cmastro	Font for planetary symbols	Unknown	502
cmathbb	Computer modern mathematical blackboard bold font	Chao	175
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	431
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	389
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	229
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	248
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	248
cmdstring	Get command name reliably	Noirel	366
cmdtrack	Check used commands	Downes	196
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	487
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	477
cmll	Symbols for linear logic	Beffara	147
cmoeofont	Old English glyphs to go with Computer Modern	Bradfield	159
cmolddig	Virtual fount setup for using old style digits	McDonnell	341
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	253
cmpica	A Computer Modern Pica variant	Hosek	261
cmpj	Style for the journal Condensed Matter Physics	Shvaika	447
cms4talks	Content Management System for Talks	Nebendahl	360
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	431
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	553
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	458
cmtest	CM fonts test sources	Knuth	292
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	553
cmtt	A package for handling the cmtt font better	Wooding	540
CM Type3	Type 3 outline versions of the CM fonts	Toal	494
cmupint	Upright integral symbols for Computer Modern	Stefanović	458
cmyk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	155
cnbwp	Typeset working papers of the Czech National Bank	Wagner	527
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	363
cnoweb	Simple "quality" printing of C sources	Fox	218
cntdwn	Support for countdowns, and for clocks in any timezone	Story	462
cntformats	A different way to read counters	Niederberger	363
cntperchap	Store counter values per chapter	Hupfer	264
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	442
code	Typeset "code" in verbatim	Ferguson	211
code128	Barcode macros for the Code 128 standard	Olšák	377
codeanatomy	Typeset code with annotations	Bùi	165
codebox	Highlighted source code in a fancy box	Geng	225
codedescribe	A minimalist set of commands (expl3 based) to describe Document and Class level commands/functions	Frigeri	221
codedoc	L <sup>A</sup> T <sub>E</sub> X code and documentation in L <sup>A</sup> T <sub>E</sub> X-format file	Isambert, Robbers	266
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	332
codepage	Support for variant code pages	Aubord	137
codesection	Provides an environment that may be conditionally included	Pospiech	396
codicefiscaleit...	Test the consistency of the Italian personal Fiscal Code	Beccari	144

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
coelacanth	Coelacanth fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
coffeestains	Add coffee stains to documents	Bideault	151
collcell	Collect contents of a tabular cell as argument to a macro	Scharrer	427
collect	Collect text for later re-use	Sauer	426
collectbox	Collect and process macro arguments as boxes	Scharrer	427
collref	Collect blocks of references into a single reference	Beisert	147
colonequals	Colon equals symbols	Oberdiek	369
colophon	Provides commands for producing a colophon	Goodman	231
color-edits	Colorful edits for multiple authors of a shared document	Kempe	280
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	172
colordoc	Coloured syntax highlights in documentation	Garcia-De Castro	173
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	242
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	269
colorframed	Fix color problems with the package “framed”	Burnol	165
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	365
coloring	Define missing colors by their names	Hu	263
colorist	Write your articles or books in a colorful way	XU	543
colorprofiles	Collection of free ICC profiles	Preining	397
colors	Simple colour-selection commands	Knight	292
colorsep	Color separation	Rahtz	400
colospace	Provides PDF color spaces	Bezos López	321
colortab	Shade cells of tables and halign	Van Zandt, Voß	550
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	169
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	174
colorwav	Colours by wavelength of visible light	Setzer	441
colorweb	Extend the color package colour space	Beach	143
colourchange	Colourchange	Bradley	159
combelow	Typeset “comma-below” letters, as in Romanian	Pignalberi	393
combine	Bundle individual documents into a single document	Robertson, Wilson	412
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	434
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	215
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	351
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	259
comicsans	Use Microsoft Comic Sans font	Pakin	381
comma	Formats a number by inserting commas	Carlisle	169
commado	Expandable iteration on comma-separated and filename lists	Lück	326
commath	Mathematics typesetting support	Putschögl	399
commentedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	515
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	130
comment	Selectively include/exclude portions of text	Eijkhout	203
comment_io	A Python script to comment and uncomment lines	Larsson	310
committee-font	A font designed by a committee	Unknown	502
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	399
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	159
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	528
compact-symbols	Compact lists of symbols	Sermutlu	441
compactbib	Multiple thebibliography environments	Lejay	315
compare	Compare two strings	McManus	342
competences	Track skills of classroom checks	Bares	140
complexity	Computational complexity class names	Bourke	158
components	Components of T <sub>E</sub> X	Schrod	435
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	382
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	467
computational-c...	Class for the journal Computational Complexity	Nüsken	368
computer-typese...	Content of the book Computer Typesetting Using L <sup>A</sup> T <sub>E</sub> X	Baldin	138

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
concepts	Keeping track of formal ‘concepts’ for a particular field	Helvensteijn	252
concmath-fonts	Concrete mathematics fonts	Vieth	518
concmath-otf	Concrete based OpenType Math font	Flipo	215
concmath	Concrete Math fonts	Vieth	518
concprog	Concert programmes	Brodnik	161
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	250
concrete	Concrete Roman fonts	Knuth	292
ConDiTeXt	Define and manage conditional content	Brabant	159
confproc	A set of tools for generating conference proceedings	Verfaille	513
consdiag	A utility for OO programming documentation	Algaba	130
constants	Automatic numbering of constants	Lejay	315
coneq	Typeset multiline continued equalities	Breitner	160
context-account	A simple accounting package	Schuster	438
context-algorit...	Algorithm handling in ConTeXt	Schuster	438
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	438
context-annotation	Annotate text blocks	Schuster	438
context-bnf	A BNF module for ConTeXt	Weibull	532
context-calenda...	Collection of calendars based on the PocketDiary-module	Egger	202
context-chromato	ConTeXt macros for chromatograms	Münster	356
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	356
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	356
context-collati...	Environment to place collating marks on the spine of a section	Egger	202
context-constru...	Construction plans in ConTeXt	Münster	356
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	225
context-degrade	Degrading JPEG images in ConTeXt	Münster	357
context-fancybreak	Overfull pages with ConTeXt	Schuster	438
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	334
context-fixme	Make editorial marks on a document	Schuster	438
context-french	Support for writing French in ConTeXt	Münster	357
context-fullpage	Overfull pages with ConTeXt	Schuster	438
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	407
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	346
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	244
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	357
context-interva...	Date driven lists or lists driven by date-intervals	Egger	202
context-layout	Show ConTeXt layouts	Gundlach	241
context-letter	ConTeXt package for writing letters	Schuster	438
context-lettrine	A ConTeXt implementation of letrines	Hoekwater, Flipo	257
context-lilypond	Lilypond code in ConTeXt	Creutzig	186
context-mathsets	Set notation in ConTeXt	Mahajan	334
context-notes-z...	Notes on using ConTeXt MkIV	Li	317
context-pocketd...	A personal organiser	Egger	202
context-rst	Process reStructuredText with ConTeXt	Gesang	225
context-ruby	Ruby annotations in ConTeXt	Schuster	438
context-sgf	A Go system in ConTeXt	Chen, Schuster	177
context-simplef...	Simplified font usage for ConTeXt	Schuster	438
context-simples...	A module for preparing presentations	Mahajan, Schmitz, Ramm	334
context-sudoku	Sudokus for ConTeXt	del Rio	408
context-taspresent	Simple presentations using ConTeXt	Schmitz	433
context-title	Place document titles	Schuster	438
context-top-ten	The ”top ten” ConTeXt commands	Corsair	185
context-transli...	Transliterate text from ‘other’ alphabets	Gesang	226
context-typearea	Something like Koma-Script typearea	Münster	357
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	438



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-URWGara...	ConTeXt support for URW Garamond font	Münster	357
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	257
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	334
context-visualc...	Visual display of ConTeXt counters	Mahajan	334
context	The ConTeXt macro package	Hagen	243
continue	Prints ‘continuation’ marks on pages of multipage documents	Wilson, Robertson	539
contour	Print a coloured contour around text	Harders, Høgholm	248
contracard	Generate calling cards for dances	Whited	534
conv-xkv	Create new key-value syntax	Story	462
convbkmk	Correct platex/uplatex bookmarks in PDF created with hyperref	Tanaka	476
convert	Generate Knuthian encoding for text files	Raichle	402
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	519
cooking	Typeset recipes	Reichert	405
cookingsymbols	Symbols for recipes	Harder	246
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	227
cool	COnTent-Oriented L <sup>A</sup> T <sub>E</sub> X	Setzer	441
coolfn	Typeset long legal footnotes	Granet	235
coollist	Manipulate COnTent Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	442
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	442
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	222
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	381
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	543
cooperhewitt	LaTeX, pdfLaTeX, Xe <sub>L</sub> LaTeX and LuaL <sup>A</sup> T <sub>E</sub> X support for the Cooper Hewitt family of sans serif fonts	Tennent	480
coordsys	Draw cartesian coordinate systems	Hansen	245
copac-clean	Automatic editing of Copac/BibTeX records	Milanesi	346
coptic	Coptic Fonts	Rosmorduc	418
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	400
copypaste	Copy and paste into and across documents	Lourenço de Lima	318
copyrightbox	Provide copyright notices for images in a document	van der Flaas	215
corelfonts	An installation script for Corel Ventura fonts	McClelland	341
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	493
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	539
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	480
correctmathalign	Correct spacing of the alignment in expressions	Kieda	282
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	392
corridx-latex	Correct index entries for chemical compounds	Fink	213
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	214
coseoul	Context sensitive outline elements	Teubner	484
couleurs-fr	French version of colour definitions from xcolor	Pierquet	390
countito	Make use of count1 to count9	Schröder, Peischl	436
counterz	Additional tools for counters	McClain	341
countriesofeuropa	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	553
counttexruns	Count compilations of a document	Schneider	434
courier scaled	Provides a scaled Courier font	Schulz	437
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	265
couriertten	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	347
courseoutline	Prepare university course outlines	Gall	223
coursepaper	Prepare university course papers	Gall	223
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	299
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	381



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	455
cprog	Typeset C programs	McManus	342
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	216
cprotectinside	Use cprotect arbitrarily nested	user202729	510
cpssp	Draw protein secondary structures	Skala	450
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	300
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	529
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	552
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	281
create-struktex	Create struktex code	Lenser	316
create-theorem	Initializing and configuring theorem-like environments, with multi-lingual support	XU	543
creationboites	Macros to create simple tcolorbox with some customizations	Pierquet	390
crefthe	Cross referencing with proper definite articles	XU	543
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	554
crop	Support for cropmarks	Franz, Thomas	219
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	500
cropmark	Crop marks on \shipout	Eijkhout	203
cropmarks-pt	Philip Taylor's cropmarks macros	Taylor	478
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	478
crossrefenum	Smart typesetting of enumerated cross-references for various T <sub>E</sub> X formats	Dumont	199
crossreference	Crossreferences within documents	Filby	212
crossreftools	Expandable extraction of cleveref data	Hupfer	264
crossrefware	Scripts for working with crossref.org	Veytsman	515
crosstex	Bibliography management tool	Burgess, Sirer	165
crossword	Typeset crossword puzzles	Neugebauer	360
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	279
crudetype	Line printer output from DVI files	Damerell	189
crumbs	Add a Navigation Path to the page header	Bugayenko	164
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	307
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	349
cryst	Font for graphical symbols used in crystallography	Müller	354
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	141
csbulletin	L <sup>A</sup> T <sub>E</sub> X class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	368
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	377
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	367
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	394
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	553
csname-doc	A list of plain.tex cs names	Unknown	502
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	377
cspsfonts	Czech/Slovakian PostScript font support	Olšák, Wagner	377
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	184
csquotes	Context sensitive quotation facilities	Lehman, Wright	314
css-colors	Named colors for web-safe design	Buxbaum	167
CSTeX	Support for Czech/Slovak languages	Olšák	377
cstypo	Czech typography rules enforced through LuaT <sub>E</sub> X hooks	Haisman	243
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	356

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
csvmerge	Merge $\TeX$ code with csv data	Taylor	477
csvsimple	Simple CSV file processing	Sturm	465
csvtolatex	Link spread sheets to $\LaTeX$	Pietsch	392
csvtools	Reading data from CSV files	Talbot	471
csx	Computer Sanskrit/(Extended) coding support on MS-DOS	Wujastyk, Friedlander	542
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	190
ctablestack	Catcode table stable support	$\LaTeX$ Team	487
ctan-bibdata	Bibliography data for all CTAN packages	Voß	521
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	361
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	155
ctanbib	Export CTAN entries to bib format	Hoftich	259
ctanify	Prepare a package for upload to CTAN	Pakin	381
CTAN tools	A jiffy to search CTAN file list	Huynh	265
ctanupload	Support for users uploading to CTAN	Scharrer	427
ctex-faq	$\LaTeX$ FAQ by the Chinese $\TeX$ Society (ctex.org)	Wu	542
ctex	$\LaTeX$ classes and packages for Chinese typesetting	Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen	312
ctib4tex	Tibetan for $\TeX$ and $\LaTeX$ 2e	Corff	184
ctie	C version of tie (merging Web change files)	Gilbey	227
cuisine	Typeset recipes	Cohen	182
culmus	Hebrew fonts from the Culmus project	Fogiel	217
cun	A cuneiform font	Grant	235
cuprum	Cuprum font family support for $\LaTeX$	Roncaglia	418
currency	Format currencies in a consistent way	Lejay	315
currfile	Provide file name and path of input files	Scharrer	427
currvita	Typeset a curriculum vitae	Reichert	406
curlatex	A $\LaTeX$ tutorial	Campani	168
cursor	Draw a cursor in an equation	Spit	455
CurVe	A class for making curriculum vitae	Verna	514
curve2e	Extensions for package pict2e	Beccari	144
curves	Curves for $\LaTeX$ picture environment	MacLaine-Cross	333
custom-bib	Customised BibTeX styles	Daly	188
customdice	Simple commands for drawing customisable dice	Rowlett	421
cuted	Mixing onecolumn and twocolumn modes	Tolušis	494
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	538
cv	A package for creating a curriculum vitae	Maier	334
cv4tw	$\LaTeX$ CV class, with extended details	Gouez	233
cvss	Compute and display CVSS base scores	Vivegnis	519
CVsty	Yet another style for easy CV pagination	Pereira	389
cweb-latex	A $\LaTeX$ version of CWEB	Schrod	435
cweb	A Web system in C	Knuth, Scherer, Levy	294
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	430
cweb-hy	Insert hyperlinks for included files	Melendez	344
cwebx	A system for Structured Software Documentation in C	van Leeuwen	313
cyber	Annotate compliance with cybersecurity requirements	Jennings	271
cybercic	“Controls in Contents” for the cyber package	Jennings	271
cyklop	The Cyclop typeface	Nowacki	368
cyriot	A script which was used on Cyprus for writing Greek	Wilson	536
cyriote	A font for ancient Cypriot Greek inscriptions	Stanier	457
cyrguide	Documentation of $\LaTeX$ Cyrillic-alphabet features	Volovich, Lemberg, $\LaTeX$ Team	521
cyrillic209	Provides basic $\LaTeX$ 2.09 font access to the Washington cyrillic fonts	Karney	277
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	147

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cyrtug	EmTeX as distributed by CyrTUG	Goossens	232
czhyph	Hyphenation patterns for Czech	Unknown	502
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	315
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	245
dancers	Font for Conan Doyle's "The Dancing Men"	Stanier	457
dante-book-reviews	Book reviews published in DANTE's journal	Faulhammer	210
dantelogo	A font for DANTE's logo	Voß, Höppner	525
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	190
dashbox	Draw dashed boxes	Thomas	492
dashrule	Draw dashed rules	Pakin	381
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	349
dateref	Manage references to experimental data	Dietrich	193
datatool	Tools to load and manipulate data	Talbot	471
datatooltk	A Java GUI for preparing datatool input	Talbot	471
datax	Import individual data from script files	Gustavsson	242
dateiliste	Extensions of the \listfiles concept	Ebermann	200
datenumbr	Convert a date into a number and vice versa	Schröder	436
datepicker-pro	Create a popup datepicker using SWF	Story	462
dates	Macros for parsing date strings	Bennett	149
dates209	Flexible date macros	Clark	181
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	502
datetime	Change format of \today with commands for current time	Talbot	471
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	471
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	476
datetime2-breton	Breton language module for the datetime2 package	Talbot	471
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	471
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	471
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	476
datetime2-czech	Czech language module for the datetime2 package	Talbot	472
datetime2-danish	Danish language module for the datetime2 package	Talbot	472
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	472
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	472
datetime2-english	English language module for the datetime2 package	Talbot	472
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	472
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	472
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	511
datetime2-french	French language module for the datetime2 package	Talbot, Patience	476
datetime2-galician	Galician language module for the datetime2 package	Talbot	472
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	476
datetime2-greek	Greek language module for the datetime2 package	Talbot	472
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	472
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	472
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	472
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	198
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	476
datetime2-latin	Latin language module for the datetime2 package	Talbot	472
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	472
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	472
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	472
datetime2-polish	Polish language module for the datetime2 package	Talbot	472
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	473
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	476
datetime2-russian	Russian language module for the datetime2 package	Talbot	473
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	473

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	473
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	476
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	473
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	473
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	473
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	473
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	473
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	476
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	473
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	473
datetime2	Formats for dates, times and time zones	Talbot	471
dayofweek	Calculate day of week, phase of moon	Minow	348
DayRoman	The Day Roman typeface	Schmidt, Harcombe	431
daytime	Print time of day	Orlandini, Greenwade	379
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	383
dblfloatfix	Fixes for twocolumn floats	Høgholm	260
dblfnote	Double-column footnotes	Nakashima	359
dblfont	Blackboard bold font package	Bosisio	157
DB_process	Process database output	Eijkhout	203
dbshow	A package to store and display data with custom filters, orders, and styles	Li	317
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	139
dco	Use the DC fonts with old-style numerals	Kirsch	286
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
dcounter	Support dynamic counters	Rozhenko	422
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	399
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	333
de-macro	Expand private macros in a document	Gács	223
debate	Debates between reviewers	Bugayenko	164
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	470
decision-table	An easy way to create Decision Model and Notation decision tables	Vandeveld, Pantigny	511
declare	Declare register names locally	Pittman, Burleson	394
decorule	Decorative swelled rule using font character	Flynn	217
decsci	BibTeX style for the journal Decision Sciences	Rubin	423
dectab	Align columns on a decimal point	Franklin	219
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	272
deflist	A variation on the description environment	Unknown	502
defoldfonts	Define old font commands	Kohm	295
defstring	Define macros as verbatim macros	Unknown	503
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	357
dehyph-exptl	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	316
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	316
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	521
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	210
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
deleq	Flexible numbering of equations	Dahlgren	187
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	530
delim	Simplify typesetting mathematical delimiters	Majewsky	334
delimseasy	Delimiter commands that are easy to use and resize	Graham	234
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	148
delimtxt	Read and parse text tables	Pedersen	387
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	221
denisdoc	A personal dirty package for documenting packages	Bitouzé	152
deproc	Macros for DECUS proceedings articles	Beeton	147

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
derivative	Nice and easy derivatives	Jensen	272
desclist	Extended “description” lists	Rozhenko	422
designcon	Develop DesignCon papers	Pupalaikis	398
detex	Strip T <sub>E</sub> X from a source file	Trinkle	496
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	241
devanagari-omega	Typeset Devanagari with Omega	Unknown	503
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	528
development	BibTeX style file for the journal Development	Eglen	202
dfgproposal	Support for writing proposals to the DFG	Kohlhase	295
dhua	German abbreviations using thin space	Lück	326
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	239
diadia	Package to keep a diabetes diary	Kleber	286
diagbox	Table heads with diagonal lines	Liu	319
diagmac	A diagram drawing package	Reynolds	408
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	483
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	184
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	227
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	486
diagxy	Diagram macros by Michael Barr	Barr	140
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	196
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	467
dice	A font for die faces	Heim	250
dichokey	Construct dichotomous identification keys	Dam	188
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	473
dictsym	DictSym font and macro package	Schmidt, Harcombe	431
diffcoeff	Write differential coefficients easily and consistently	Parsloe	385
digestif	Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConTeXt etc.	Stoffel	460
digicap-pro	Creates captions to digital photos	Story	462
digiconfigs	Writing “configurations”	Madsen	333
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	478
dimnum	Commands for dimensionless numbers	Clemente	182
din1505	Bibliography styles for German texts	Lorenzen, Baumann	324
dinat	Bibliography style for German texts	Baumann	143
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	167
dinbrief	German letter DIN style	Braune, Gussmann	160
dingbat	Two dingbat symbol fonts	Henderson, Pakin	253
directory	An address book using BibTeX	Geuzaine	226
directtex	TeX for the Macintosh	Ricken	408
dirtree	Display trees in the style of windows explorer	Charpentier	175
dirtytalk	A package to typeset quotations easier	Klammler	286
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	302
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	499
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	335
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	515
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	550
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	273
dkhyphen	Danish hyphenation patterns	Jensen	272
dktools	Tools and libraries by Dirk Krause	Krause	301
dlfltxb	Macros related to “Introduktion til L <sup>A</sup> T <sub>E</sub> X”	Madsen	333
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	466
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	503
dnaseq	Format DNA base sequences	Pedersen	387
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	255
doafter	Do things after a group	Wooding	540



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
doc-pictex	A summary list of PicTeX documentation	Lück	326
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
docarc	Multi-user distributed bibliographic database system	Kieling	283
docassembly	Use the Acrobat JavaScript API	Story	462
docbytex	Creating documentation from source code	Olšák	377
doclicense	Support for putting documents under a license	Schneider	434
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	412
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	497
docshots	TeX samples next to their PDF Snapshots	Bugayenko	164
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	199
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	396
documentation	Documentation support for C, Java and assembler code	Morales	352
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	346
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	515
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	452
doipubmed	Special commands for use in bibliographies	Talbot	473
domitian	Drop-in replacement for Palatino	Miller	347
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	430
dosepsbin	Deal with DOS binary EPS files	Oberdiek	370
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	210
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	210
dotarrow	Extendable dotted arrows	Schneider	434
dotlessi	Provides dotless i's and j's for use in any math font	Bezos López	321
dotlessj	Generates a dot-less j	Carlisle	169
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	134
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	300
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	503
doublepace	Double space environment	Page	380
doublestroke	Typeset mathematical double stroke symbols	Kummer	305
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	503
dow	Calculate day of week from a numeric date	Unknown	503
dowith	Apply a command to a list of items	Lück	326
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	448
dox	Extend the doc package	Verna	514
dozenal	Typeset documents using base twelve numbering (also called "dozenal")	Goodman	231
DPcircling	Decorated text boxes using TikZ	Mitsuaki	348
dpfloat	Support for double-page floats	Fox	218
dprogress	LaTeX-relevant log information for debugging	Amberg	131
dps	Create a "matching" game with a hidden message	Story	462
drac	Declare active character substitution, robustly	Henel, Noirel	254
draft	A L <sup>A</sup> T <sub>E</sub> X 2.09 style for supporting work on drafts	Baker	138
draftcopy	Identify draft copies	Vollmer	520
draftfigure	Replace figures with a white box and additional features	Bossert	157
drafthead	Mark "DRAFT" in page headers	Page	380
draftmark	Put draft marks on selected pages	Musa	358
draftwatermark	Put a grey textual watermark on document pages	Callegari	168
drama	Production-style stage script in L <sup>A</sup> T <sub>E</sub> X	Swift	467
dramatist	Typeset dramas, both in verse and in prose	Dominici	195
dratex	General drawing macros	Gurari	242
Drawing-with-Me...	How to draw technical diagrams with MetaPost	Thurston	493
drawing	Simple drawings with Metafont	Wagner	527
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	388
drawstack	Draw execution stacks	Moy	353



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
drcaps	Simple dropped capitals	Shipunov	446
drftcite	Print the bibliography in "draft" mode	Arseneau	134
drm	A complete family of fonts written in Metafont	Goodman	231
droid	L <sup>A</sup> T <sub>E</sub> X support for the Droid font families	El Morabity, Matteson	351
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	425
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	169
dropcaps	Use dropped capitals to start a paragraph	Lauwers	311
dropping	Drop first letter of paragraphs	Dahlgren	187
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	194
drv	Derivation trees with MetaPost	Méhats	343
dspticks	Macros for Digital Signal Processing plots	Prandoni	397
DSSerif	A double-struck serifed font for mathematical use	Sharpe	443
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	362
dtk-bibliography	Bibliography of "Die T <sub>E</sub> Xnische Komödie"	Ziegenhagen	553
dtk	Document class for the journal of DANTE	Voß, Niepraschk	526
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	494
dtxdescribe	Describe additional object types in dtx source files	Dunn	199
DTX gallery	A small collection of minimal DTX examples	Robertson	410
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	190
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	381
ducksay	Draw ASCII art of animals saying a specified message	Spratte	455
duckuments	Create duckified dummy content	Spratte	455
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	273
duerer	Computer Duerer fonts	Hoening	257
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	248
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	392
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	443
dvdcoll	A class for typesetting DVD archives	Kleber	286
dvgloss	Facilities for setting interlinear glossed text	Velleman	513
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	494
dvgtk	Tektronix 401x DVI previewer	Cholewo	180
dvi-economic	Save paper while printing	Verhoeven	514
dvi2bitmap	Utility to convert T <sub>E</sub> X DVI files directly to bitmaps	Gray	236
dvi2ln3	LN03 driver based on DVItyp	Rose	418
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	319
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	362
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	180
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	441
dvibook	Utilities for manipulating DVI files	Duggan	198
dvichk	List the page numbers in a DVI file	Esken	206
dviconcat	Concatenates DVI files	Unknown	503
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	160
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, T <sub>E</sub> XLive	417
dvii	Extract information from a DVI file	Lewenberg	317
dviincl	Include a DVI page into MetaPost output	BOP	155
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	545
dviljk	DVI to Laserjet output	Berry, Schrod, T <sub>E</sub> XLive	151
dvimerge	Merge two DVI files together	Rahtz	400
dviout	TeX previewer and printer driver for MS-Windows	Toshio, Ootobe, Asayama, Tanaka	496
dvipaste	DVI manipulation	MacKay, Spivak	333
dvipdfm	A DVI driver to produce PDF directly	Wicks	534
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, L <sup>A</sup> T <sub>E</sub> X Team	179

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, T <sub>E</sub> XLive	179
dvipng	A fast DVI to PNG/GIF converter	Larsson	310
dvips-os2	OS/2 dvips	Kim	284
dvips-shell	A dvips Shell for MS-Windows32	Unknown	503
dvips	A DVI to PostScript driver	Rokicki, T <sub>E</sub> XLive	416
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	370
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	303
dvipsk	Convert DVI to PostScript	Rokicki, Berry	416
dvisirule	Superimpose the covered hline and vline in a L <sup>A</sup> T <sub>E</sub> X tabular/colortbl environment	Senju	441
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	498
dvisun	DVI viewer for Sun2 systems	Hutchinson	265
dvisvgm-def	Colour and Graphics support for dvisvgm	L <sup>A</sup> T <sub>E</sub> X Team	487
dvisvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesecking	227
DVItolN03	DVI output to Digital LN03 printer	Hamilton Kelly	279
dvitops	A DVI driver for PostScript output	Clark	181
dvitty	A plain-text output DVI driver	Lindahl	318
dvitype	Type out the content of a DVI file	Knuth	292
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	275
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	441
dynamicnumber	Dynamically typeset numbers and values in L <sup>A</sup> T <sub>E</sub> X through “symbolic links”	Pieters	392
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	212
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	182
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	342
dyntrree	Construct Dynkin tree diagrams	Setzer	442
<b>EEEE</b>			
e-french	Comprehensive L <sup>A</sup> T <sub>E</sub> X support for French-language typesetting	Gaulle, Juillerat	224
ean	Macros for making EAN barcodes	Olšák	377
ean13isbn	Print EAN13 for ISBN	Wagner	528
easing	easing functions for pgfmath	Loh	320
easy-todo	To-do notes in a document	Rada-Vilela	399
easy	A collection of easy-to-use macros	Bertolazzi	151
easybib	Simple syntax for custom bibliographies	Bertolazzi	151
easybmat	Block matrices	Bertolazzi	151
easybook	Easily typesetting Chinese theses or books	Yi	548
easyeqn	A simple package for writing equations	Bertolazzi	151
easyfig	Simplifying the use of common figures	Scharrer	428
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	554
easyformat	Easily add boldface, italics and smallcaps	Provoost	398
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	442
easylist	Lists using a single active character	Isambert, Robbers	266
easyamat	A simple package for writing matrices	Bertolazzi	151
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	338
easytable	A simple package for writing tables	Bertolazzi	151
easyvector	Write vectors in a C-like fashion	Bertolazzi	151
ebezier	Device independent picture environment enhancement	Bachmaier	138
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	405
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	480
ebib	BibTeX database manager for GNU Emacs	Kremers	301

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ebnf	Simple package for EBNF productions	Cugley	187
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	140
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	458
ebproof	Formal proofs in the style of sequent calculus	Beffara	147
ebsthesis	Typesetting theses for economics	Baecker	138
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	477
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	292
ecards	Electronic flash cards	Story	462
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	431
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	144
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	427
ec1tree	Trees using epic and eepic macros	Isozaki	267
eco	Oldstyle numerals using EC fonts	Kirsch	286
ecobiblatex	Global Ecology and Biogeography BibL <sup>A</sup> T <sub>E</sub> X styles for the Biber back-end	Balak	138
econ-bst	BibT <sub>E</sub> X style for economics papers	Takeda	471
econlipsum	Generate sentences from economic articles	Coleman	183
Econometrica	BibT <sub>E</sub> X support for Econometrica	Border, Horny	156
econometrics	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	298
economic	BibT <sub>E</sub> X support for submitting to Economics journals	Henningsen, Wigle	255
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	414
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	389
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	242
eczar	A font family supporting Devanagari and Latin script	Unknown	503
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	295
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	269
edfnotes	Critical annotations to footnotes with ednotes	Lück	326
edichokey	Typeset dichotomous identification keys	Yang	545
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	225
edmac	Typeset critical editions	Lavagnino, Wujastyk	311
edmargin	Multiple series of endnotes for critical editions	Burt	166
ednotes	Typeset scholarly editions	Lück	326
eehyph	Hyphenation patterns for the Estonian language	Saar	424
eemeir	Adjust the gender of words in a document	Hansen	245
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	306
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	335
eforms	eForm support for the AcroT <sub>E</sub> X bundle	Story	462
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	408
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	379
egothic	Early Gothic manuscript book-hand font	Wilson	536
egpeirce	Draw existential graphs invented by Charles S. Peirce	Nikulainen	366
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	397
ehhline	Extend the \hhline command	Paciorek	380
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	355
eiad	Traditional style Irish fonts	Derzhanski	192
eijkhout	Victor Eijkhout's packages	Eijkhout	203
einfart	Write your articles in a simple and clear way	XU	543
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	521
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	521
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	366
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafai	425
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	265

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ekdos	Typesetting TEI-xml compliant Critical Editions	Alessi	130
EkType-Tanka	Devanagari fonts by EkType	Unknown	503
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	309
electrumadf	Electrum ADF fonts collection	Rees	405
eledform	Define textual variants	Rouquette	420
eledmac	Typeset scholarly editions	Rouquette	420
eledpar	Typeset scholarly editions in parallel texts	Rouquette	420
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	192
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	191
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	191
elements	Provides properties of chemical elements	Niederberger	363
elhyphen	Hyphenation for Greek text	Filippou	213
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	314
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	255
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	470
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	169
elpres	A simple class for electronic presentations	Kiefel	283
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	400
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	400
elteiktdk	TDK-thesis template for Hungarian TDK conferences, Section of Computer Science	Cserép	186
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	186
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	223
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	159
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	549
emarks	Named mark registers with e-TeX	Chervet	177
embedall	Embed source files into the generated PDF	Sartori, Lichti	426
embedfile	Embed files into PDF	Oberdiek	370
embrac	Upright brackets in emphasised text	Niederberger	363
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	415
emf	Support for the EMF symbol	Jørgensen	273
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	448
emo	Emoji for all (L <sup>A</sup> T <sub>E</sub> X engines)	Grimm	239
emoji	Emoji support in (Lua)LaTeX	Zeng	551
emojicite	Add emojis to citations	Sixt	450
emp	"Encapsulate" MetaPost figures in a document	Ohl	376
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	260
emptypage	Make empty pages really empty	Wette	533
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	338
emtexgi	A MS-Windows shell for emTeX	Cottrell	185
emtrees	Draw labelled trees, using emTeX \specials	Boegeholz	154
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	519
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	490
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	377
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	528
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	230
endheads	Running headers of the form "Notes to pp.xx-yy"	Burt	167
endiagram	Easy creation of potential energy curve diagrams	Niederberger	363
endnote	Generic "endnotes" code	Unknown	503
EndNote2bib	Convert EndNote files to BibTeX	Mathar	337
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	462

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	224
endnotesj	Japanese-style endnotes	Yamashita	544
endofproofwd	An “end of proof” sign	Jensen	272
engord	Converts numbers to English ordinal numbers	Oberdiek	370
engpron	Helps to type the pronunciation of English words	Henel	253
engrec	Enumerate with lower- or uppercase Greek letters	Henel	253
engtlc	Support for users in Telecommunications Engineering	Fiandrino	212
engwar	Font for typesetting Tolkien Engwar script	Urban	509
enigma	Encrypt documents with a three rotor Enigma	Gesang	226
enotez	Support for end-notes	Niederberger	363
enparen	Consistent nested brackets	Oberdiek	370
enpassant	Enpassant chess font support	Fischer	215
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
enumitem-zref	Extended references to items for enumitem package	Chervet	177
enumitem	Control layout of itemize, enumerate, description	Bezos López	321
enumspec	Enumerate with extra leading character for labels	Greenwade	237
enbig	Printing addresses on envelopes	Manda, Sherman	335
envelope	Print envelopes	Sherman	445
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	410
enlab	Addresses on envelopes or mailing labels	Veytsman	515
enmath	Maths commands and environments	Bosio	157
eolang	Formulas and graphs for the EO programming language	Bugayenko	164
eolgrab	Catch arguments delimited by end of line	Oberdiek	370
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	395
Epigrafica	A Greek and Latin font	Tsolomitis	497
epigram	Display short quotations	Hosek	261
epigraph-keys	Epigraphs using key values	McKay	342
epigraph	A package for typesetting epigraphs	Robertson, Wilson	412
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	468
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	265
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	150
epmtfe	TeX environment for OS/2	Schmidt	431
epstein-trees	Macros for producing trees	Eppstein	205
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	269
epsdice	A scalable dice “font”	Heim	251
epsf-dvipdfmx	Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	276
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	416
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	401
epsfig209	Obsolete graphics inclusion macros	Whaite	533
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	321
epsfx	A T <sub>E</sub> X macro package for including EPS graphics	BOP	155
epsincl	Include EPS in MetaPost figures	BOP	155
epslatex	Guide to using Encapsulated PostScript in L <sup>A</sup> T <sub>E</sub> X	Reckdahl	404
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	302
epspdf-setup	epspdf with GUI installer	Kroonenberg	302
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	301
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	146
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	309
epstopdf-pkg	Call epstopdf “on the fly”	Oberdiek	370
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	534
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	462
eq-pin2corr	Add PIN security to the “Correct” button of a quiz created by exerquiz	Story	462



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eq-save	Save exerquiz quizzes and resume	Story	462
eq2db	Convert a quiz to one submitted to a server-side script	Story	462
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	212
eqexam	A stand-alone exam package	Story	462
eqexpl	Align explanations for formulas	Morenko	352
eqlist	Description lists with equal indentation	Väth	512
eqmark	Generalise facilities for marking equation arrays	Nitschke	366
Eqmlite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	345
eqnalign	Make eqnarray behave like align	Hejda	251
eqname	Name tags for equations	Neugebauer	361
eqnarray	More generalised equation arrays with numbering	Winkler	539
eqnarray209	A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray	Jones	273
eqnnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	229
eqparbox	Create equal-widthed parboxes	Pakin	381
equationauthor	Visual equation editor	Manhiça	335
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	515
erewhon-math	Utopia based OpenType Math font	Flipo	215
erewhon	Font package derived from Heuristica and Utopia	Sharpe	443
errata	Error markup for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	295
erw-13	Utilities based on L <sup>A</sup> T <sub>E</sub> X3	Rogard	416
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	345
escapeTeXt	Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X	Hefferon	250
esdiff	Simplify typesetting of derivatives	Saudrais	426
esieecv	Curriculum vitae for French use	Bayart	143
esindex	Typset index entries in Spanish documents	Bezos López	321
esint-type1	Font esint10 in Type 1 format	Nikunen	366
esint	Extended set of integrals for Computer Modern	Saudrais	426
esk	Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources	Kazimiers	279
eskd	Modern Russian typesetting	Fyodorov	223
eskdX	Modern Russian typesetting	Korikov	299
eslides	An option for article style to make slides	Denk	192
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	365
esperant	Style option for writing Esperanto texts	Knappen	290
espo	Customisation for Esperanto	Unknown	503
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	406
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	443
estcpmm	Style for Munitions Management Project Reports	Veytsman	516
esvect	Vector arrows	Saudrais	426
et	TeX-compatible editor	Collins	183
etaremun	Reverse-counting enumerate environment	Adriaens	128
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	443
etdipa	Simple, lightweight template for scientific documents	Laube	311
etex-pkg	E-TeX support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	171
e-TeX	An extended version of T <sub>E</sub> X, from the NTS project	Breitenlohner, T <sub>E</sub> XLive	160
etexcnds	Avoid name clashes with e-TeX commands	Oberdiek	370
etextools	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	177
ethiop-t1	Type 1 versions of Amharic fonts	Rosenau	418
ethiop	L <sup>A</sup> T <sub>E</sub> X macros and fonts for typesetting Amharic	Beyene, Kudlec, Kummer, Metzinger	151
ethtex	Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic	Alamnehe	129
etl	Expandable token list operations	Spratte	455
etoc	Completely customisable TOCs	Burnol	165
etoolbox-de	German translation of documentation of etoolbox	Enderling	205

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	314
etruscan	Fonts for the Etruscan script	Wilson	536
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	190
euclideangeometry	Draw geometrical constructions	Beccari	144
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	411
euflag	A command to reproduce the flag of the European Union	Flynn	217
eukdate	UK format dates, with weekday	Moschou	353
eukleides	A geometry drawing system	Obrecht	375
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	215
euler	Use AMS Euler fonts for math	Jensen	272
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	379
eulervm	Euler virtual math fonts	Schmidt, Harcombe	432
euproposal	A class for preparing FP7 proposals	Kohlhase	295
euro-ce	Euro and CE sign font	de Wijn	535
euro	Provide Euro values for national currency amounts	Franz	219
eurofont	Provides a command that prints a euro symbol	McDonnell	341
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	430
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	340
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	519
europs	Access to Adobe's Euro currency symbol fonts	Clausen	182
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	432
eurosym	Metafont and macros for Euro sign	Theiling	491
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	127
euxunicode	Generate Unicode characters from accented glyphs	Robertson	410
Evangelion-JFM	A Japanese font metric supporting many advanced features	Huang	263
evautofl	Pages with cut lines and punch marks	Vicentini	517
evenpage	Ensure that the total number of pages is even	Bosisio	157
everyhook	Hooks for standard T <sub>E</sub> X token lists	Checkoway	176
everypage	Provide hooks to be run on every page of a document	Callegari	168
everysel	Provides hooks into \selectfont	Schröder, Peischl	436
everyshi	Take action at every \shipout	Schröder, Peischl	436
evweek	Weekly calendar	Vicentini	518
exam-lite	Quicker preparation of exams in L <sup>A</sup> T <sub>E</sub> X	Kukovec	305
exam-n	Exam class, focused on collaborative authoring	Gray	236
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	162
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	241
exam	Package for typesetting exam scripts	Hirschhorn	257
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	237
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	130
example	Typeset examples for T <sub>E</sub> X courses	Schrod	435
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	470
exams	Typeset exam questions	van der Meer	343
examz	Randomized exams with multiple versions	McClain	341
excalibur	Macintosh spell checker	Zacccone	548
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	335
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	194
excludeonly	Prevent files being \include-ed	Luecking, Arseneau	329
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	390
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	465
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	280
exercises	Typeset exercises and solutions with automatic addition of points	Jud	275
exerquiz	Environments for defining exercises and quizzes	Story	462
exesheet	Typesetting exercise or exam sheets	Missier	348
exframe	Framework for exercise problems	Beisert	148

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	200
expdlist	Expanded description environments	Hülse, Kaspar	264
expex-acro	Wrapper for the expex package	Matter	338
expex-glossonly	Help gb4e and linguex users use the ExPex glossing macros	Munn	356
expex	Linguistic examples and glosses, with reference capabilities	Frampton	219
expkv-bundle	An expandable key=val implementation and friends	Spratte	456
expkv-cs	Define expandable key=val macros using expkv	Spratte	456
expkv-def	A key-defining frontend for expkv	Spratte	456
expkv-opt	Parse class and package options with expkv	Spratte	456
expkv	An expandable key=val implementation	Spratte	456
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	488
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Drucbert	197
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	253
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	536
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	350
exsheets	Create exercise sheets and exams	Niederberger	363
exsol	Exercises and solutions from the same source, into a book	Daems	187
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	265
extdash	A range of dash commands for compound words	Rozhenko	422
exteps	Include EPS figures in MetaPost	Jørgensen	274
extpfeil	Extensible arrows in mathematics	Ebermann	200
extract	Extract parts of a document and write to another document	Adriaens	128
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	262
extradefs	A miscellany of support macros	McPherson	343
extsizes	Extend the standard classes' size options	Kilfiger, May	284
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	541
facsimile	Document class for preparing faxes	Bronger	162
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	549
facture-belge-s...	Simple Belgian invoice without VAT	Sebille	440
facture	Generate an invoice	Rouquette, Gombin, Deparis	421
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	281
fail-fast	Turn warnings into errors	Bugayenko	164
fakebold	A simple macro for faking bold fonts	Unknown	503
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	200
faltblat	Making Leaflets	Klöckl	290
familytree	Draw family trees	Senju	441
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	176
fancybox	Variants of \fbox and other games with boxes	Van Zandt	549
fancy chapters	Chapters with quotations	Heitkoetter	251
fancyfolien	Fancyhdr outline for German readers	Steffani	459
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	220
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	129
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	378
fancyhdrboxed	Elaborate page headers, specified in a non-L <sup>A</sup> T <sub>E</sub> X language	Algaba	130
fancyheadings	Legacy headings package	van Oostrum	378
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	448
fancynum	Typeset numbers	Green	237
fancypar	Decoration of individual paragraphs	Medina Arellano	133
fancyqr	Fancy QR-Codes with TikZ	Sihler	449
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	406
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	330

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fancytabs	Fancy page border tabs	Pinson	393
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	336
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	550
fandol	Four basic fonts for Chinese typesetting	Ma	332
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	402
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martín	337
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	290
fascicules	Create mathematical manuals for schools	Moritz	352
fast-diagram	Easy generation of FAST diagrams	Allais	131
fastpictex	Simple specification of PicTeX diagrams	Stauss	458
fax	Document class for preparing faxes	Rhebergen, de Jonge	408
fbf	A free Bembo-like font	Sharpe	443
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	193
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	521
fbs	BibTeX style for Frontiers in Bioscience	Suckale	466
fc-arith	Create an arithmetic flash card	Story	463
fc	Fonts for African languages	Knappen	290
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	275
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	435
fcltxdoc	Macros for use in the author's documentation	Chervet	177
fcolum	Typesetting financial tables	Olthof	378
fdsymbol	A maths symbol font	Ummels	500
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	551
featpost	MetaPost macros for 3D	Gonçalves	231
fei	Class for academic works at FEI University Center — Brazil	De Rizzo Meneghetti	344
FenetreCas	Commands for CAS-like windows (Xcas or Geogebra) in TikZ	Pierquet	391
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	409
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	197
fetamont	Extended version of Knuth's logo typeface	Romer	417
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	463
fetchcls	Fetch the current class name	Giannotti	226
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	206
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	349
feyn	A font for in-text Feynman diagrams	Gray	236
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	316
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	376
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	238
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	164
ffslides	Freeform slides based on the article class	Wolters	540
fge	A font for Frege's Grundgesetze der Arithmetik	Green	237
fgruler	Draw rulers on the foreground or in the text	Tómacs	495
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	277
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	367
fibnum	Generate Fibonacci numbers	Oberdiek	370
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	326
fifinddo	Filtering files using T <sub>E</sub> X	Lück	326
fifo-stack	FIFO and stack implementation for package writers	Gaito	223
fig2eng	Convert fig files to English	Tobin	494
fig2lat	Convert .fig files to vector graphics	Krause	301
fig2mf	Convert fig output to Metafont	Starks	458
fig2mfpic	Convert fig output to mfpic	Tobin	494
fig2sty	Use fig as layout designer for L <sup>A</sup> T <sub>E</sub> X	Rohner	416

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fig2vect	Yet another Fig to vector converter	Krause	301
fig4latex	Management of figures for large L <sup>A</sup> T <sub>E</sub> X documents	Fields	212
figbas	Mini-fonts for figured-bass notation in music	Tennent	480
FigBib	Organize figure databases with BibT <sub>E</sub> X	Poland	395
figcaps	Collect figure captions for later printing	Daly	188
figchild	Pictures for creating children's activities	de Souza Bastos	454
figflow	Flow text around a figure	Hutchinson	264
figfrag	Convert xfig figures with embedded L <sup>A</sup> T <sub>E</sub> X commands to EPS	Ditzel	194
figplace	Floating figures in Plain T <sub>E</sub> X	Zalmstra	549
figput	Create interactive figures in L <sup>A</sup> T <sub>E</sub> X	Fairman	209
figsinltx	A tutorial on figures in L <sup>A</sup> T <sub>E</sub> X 2.09	Goel	230
FigSize	Auto-size graphics	Tanbakuchi	477
fihyph	Hyphenation patterns for Finnish language	Hellgren	251
filecontents	Create an external file from within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	381
filecontentsdef	filecontents + macro + verbatim	Burnol	165
filedate	Access and compare info and modification dates	Lück	327
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	349
filehdr	Self-descriptions in file headers	Beebe	146
filehook	Hooks for input files	Scharrer	428
fileinfo	Enhanced display of L <sup>A</sup> T <sub>E</sub> X File Information	Lück	327
filemod	Provide file modification times, and compare them	Scharrer	428
fillform	Typeset answers to overprint on printed forms	Wagner	528
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	360
findhyph	Find hyphenated words in a document	Budaj	163
FiNK	The L <sup>A</sup> T <sub>E</sub> X2e File Name Keeper	Verna	514
Finomaton	Comfortably draw and typeset finite state machines	Triska	496
finplain	A Finnish version of plain.bst	Kaijanaho	276
finstrut	Adjust behaviour of the ends of footnotes	Lück	327
fira	Fira fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
firemath-otf	Use OpenType math font Fira Math	Voß	522
firemath	Fira sans serif font with Unicode math support	Zeng	551
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	205
first-latex-doc	A document for absolute L <sup>A</sup> T <sub>E</sub> X beginners	Hefferon, Pégourié-Gonnard, Berry	250
first-packages	A short list of go-to L <sup>A</sup> T <sub>E</sub> X packages, aimed at a beginner	Hefferon	250
firstline	Print the first line of a paragraph in a different font	Fox	218
firststeps-xampl	Examples from "First steps in L <sup>A</sup> T <sub>E</sub> X"	Grätzer	235
fistrum	Access to 150 paragraphs of Lorem Fistrum very dummy text	Davó	190
fitbox	Fit graphics on a page	Veytsman	516
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	367
FitR	Set a rectangular destination and jump to it	Story	463
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	433
fix2col	Fix miscellaneous two column mode features	Carlisle	169
fixbbl	Patch bibliographies inappropriately broken by BibT <sub>E</sub> X	Stajano	457
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	238
fixdif	Macros for typesetting differential operators	Zhang	551
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	208
fixjfm	Fix JFM (for *pT <sub>E</sub> X)	Zhang	552
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	519
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
fixltxhyph	Allow hyphenation of partially-emphasised substrings	Beccari	144
fixmath	Make maths comply with ISO 31-0:1992 to ISO 31-13:1992	Schmidt, Harcombe	432
FixMe	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	514
fixmetodonotes	Add notes on document development	Barabucci	140



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fixocgx	Add support for dvips+ps2pdf, Xe <sub>La</sub> TeX, dvipdfmx to the ocgx package	Grahn	234
fixpdfmag	Fix magnification in pdfTeX	Bezoz López	321
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	451
fjodor	A selection of layout styles	Filipović	212
flabels	Labels for files and folders	Börchers	155
flacards	Generate flashcards for printing	Stuhrmann	465
flagderiv	Flag style derivation package	van Tilburg	493
flags	Setting and clearing of flags in bit fields	Oberdiek	370
flashcard	Typeset flash cards	Kilfiger	283
flashcards	A class for typesetting flashcards	Budge, Vernon	164
flashmovie	Directly embed flash movies into PDF files	Hartmann	249
flatex	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Har-Peled	245
flatten	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Wilson	536
fldigial	Create a Flash slide show of digital photos	Story	463
flexipage	Flexible page geometry with marginalia	Vrba	527
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	260
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	164
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	168
float	Improved interface for floating objects	Lingnau	319
floatbytocbasic	An enhancement to package float using package tocbasic	Kohm	296
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	292
floatflt	Wrap text around floats	Dahlgren	187
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	401
floatpag	Different pagestyles on float pages	Statulevičius	458
floatrow	Modifying the layout of floats	Lapko	310
floatrowbytocbasic	An enhancement to package floatrow using package tocbasic	Kohm	296
flow	Draw flow diagrams in picture mode	Brown	162
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	414
flowfram	Create text frames for posters, brochures or magazines	Talbot	473
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	473
fltpage	Place caption on an adjacent page	Gross	239
fltpoint	Simple floating point arithmetic	Guthöhrlein	242
flushend	Balancing columns at last page	Tolušis	495
fmp	Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	303
fmtcount	Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats	Talbot, Belaïche	475
fn2end	Convert footnotes to endnotes	Border	156
fnbreak	Warn for split footnotes	Harders	247
fnchap	Seven predefined chapter heading styles	Lindgren	319
fnclab	Alter the format of \label references	Fairbairns, Carlisle	208
fnlineno	Number the lines of footnotes	Lück, Wette	328
fnote	Auto-numbered footnotes in Plain T <sub>E</sub> X	Unknown	503
fnpara-pln	Footnotes in paragraphs	Wujastyk	542
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	422
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	363
fnpos	Control the position of footnotes on the page	Nakashima	359
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	550
fontguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font commands	L <sup>A</sup> T <sub>E</sub> X Team	488
fontproof	A programmable font test pattern generator	Luecking	329
fnumprint	Print a number in 'appropriate' format	Schneider	434
foekfont	The title font of the Mads Føk magazine	Jørgensen	274
foihlhtml	Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML	Veytsman	516
foiltex	A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies	Hafner	242
foliono	Use folio numbers to replace page numbers	Syrjänen	468
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	274

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	193
font-change	Macros to change text and mathematics fonts in plain T <sub>E</sub> X	Dhawan	193
font_selection	Font selection for plain T <sub>E</sub> X	de Wijn	535
fontawesome	Font containing web-related icons	Danaux, Gandy	189
fontawesome5	Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support	Krüger	302
fontaxes	Additional font axes for L <sup>A</sup> T <sub>E</sub> X	Bühmann, Ummels	165
fontbl	A font sampler	Beeman, MacKay	147
fontbook	Generate a font book	Pinson	393
fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X	Medina	343
fontchart	A font sampler	Lemberg	316
fontinf	An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)	Bezos López, Ruedas	324
fontenc	Standard package for selecting font encodings	L <sup>A</sup> T <sub>E</sub> X Team	488
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	252
fontinstallatio...	Font installation guide	Lehman	313
fontload	A partial font downloading utility	Malyshev	335
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	215
fontmizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	199
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	150
fontools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	389
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	277
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	302
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	277
font sampler	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	217
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	497
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	497
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	511
fontsmpl	Print a sample of a font	Jeffrey	271
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	411
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	412
fontwrap	Bind fonts to specific unicode blocks	Kamermans	276
footbib	Bibliographic references as footnotes	Domenjoud	194
footmisc	A range of footnote options	Fairbairns, Mittelbach	208
footmixx	A range of footnote options	Roucariès	419
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X's footnote handling	Wooding	540
footnotebackref	Back-references from footnotes	Lange	309
footnotehyper	hyperref aware footnote.sty	Burnol	165
footnoterange	References to ranges of footnotes	Münch	355
footnpag	Per-page numbering of footnotes	Schrod	435
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	437
foreign	Systematic treatment of 'foreign' words in documents	Ratcliffe	403
forest-quickstart	Quickstart Guide for Linguists package "forest"	Vanden Wyngaerd	542
forest	Drawing (linguistic) trees	Živanović	553
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	346
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	442
formal-grammar	Typeset formal grammars	Vassor	512
format	Format a counter as a fixed-point number	Karney	277
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	233
formlett	Letters to multiple recipients	Jiang	272
forms16be	Initialize form properties using big-endian encoding	Story	463
formula	Typesetting physical units	Tille	493
formular	Create forms containing field for manual entry	Wirth	539
fortran	Print Fortran programs	Toby	494
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fotex	Process XSL-FO	Rahtz	401
fouridx	Left sub- and superscripts in maths mode	Karrmann	278
fourier	Using Utopia fonts in L <sup>A</sup> T <sub>E</sub> X documents	Bovani	158
FourierNC	Use New Century Schoolbook text with Fourier maths fonts	Zedler, Sharpe	550
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	219
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibT <sub>E</sub> X	Frambach	219
fp	Fixed point arithmetic	Mehlich	344
fpl	SC and OsF fonts for URW Palladio L	Stubner	465
fpT <sub>E</sub> X	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	395
fragmaster	Using psfrag with pdfL <sup>A</sup> T <sub>E</sub> X	Domingo, Vogel	195
fragments	Fragments of L <sup>A</sup> T <sub>E</sub> X code	Carlisle	169
frame	Framed boxes for Plain T <sub>E</sub> X	Van Zandt, Voß	550
framed	Framed or shaded regions that can break across pages	Arseneau	134
francais-bst	Bibliographies conforming to French typographic standards	Goulet	233
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibT <sub>E</sub> X styles	Swift	467
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	467
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	467
frcursive	French cursive hand fonts	Beffara	147
frederika2016	An OpenType Greek calligraphy font	Syropoulos	468
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	257
free-math-font-...	A survey of available free Mathematics fonts	Hartke	249
freetype	A full-featured font rasterizer library	Lemberg	316
frege	Typeset fregean Begriffsschrift	Pamp	383
frege-translation...	French translation project	Bayart	143
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	224
frenchmath	Typesetting mathematics according to French rules	Missier	348
frenchpunct	Implement French-style spacing at punctuation	Roy	422
frenchpro	Professional typesetting of French documents	Gaulle	224
frenchquote	Make something like guillemets	Unknown	503
frhyph	French hyphenation patterns	Flipo	215
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	281
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	221
frimurer	Access to the 'frimurer' cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	274
frletter	Typeset letters in the French style	Andronic	132
frontespizio	Create a frontispiece for Italian theses	Gregorio	238
froufrou	Fancy section separators	Lago	307
frpseudocode	French translation for the algorithmicx package	Irwin	266
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	478
ftcap	Allows \caption at the beginning of a table-environment	Steffani	459
ftetx	T <sub>E</sub> X support in FTE text editor	Zydowitz	554
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	493
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	281
fullblk	Left-blocking for letter class	Cloos Jr.	275
fullminipage	Minipage spanning a complete page	Schneider	434
fullpage	Set all page margins to 1.5cm	Daly	188
fullpict	Full page pictures	Shawyer	445
fullwidth	Adjust margins of text block	Daniel	189
functan	Macros for functional analysis and PDE theory	Lejay	315
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	332
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	361
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	361

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	361
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	361
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	361
fundus-startrek	‘Startrek’ fonts, and macros to support them	Neugebauer	361
fundus-sueterlin	Sütterlin	Neugebauer	361
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	361
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	361
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	361
funnelweb	A flexible, language-independent web system	Coates	182
futhark	Fonts for the Older Futhark script	deyAvemta	193
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	384
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	516
fvextra	Extensions and patches for fancyvrb	Poore	395
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	301
fwlw	Get first and last words of a page	Arseneau	134
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	316
gaceta	A class to typeset La Gaceta de la RSME	Varona	512
gahyph	Hyphenation patterns for the Irish language	Scannell	427
galois	Typeset Galois connections	Cousot	185
gamebook	Typeset gamebooks and other interactive novels	Miede	346
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	313
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	223
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	351
garamond-libre	The Garamond Libre font face	Miller, Tennent	347
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	552
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	443
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	415
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	224
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	279
gates	Support for writing modular and customisable code	Isambert, Robbers	266
gatherenum	A crossover of align* and enumerate	Rivaud	409
gauss	A package for Gaussian operations	Kauers	278
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	298
gbrief-creator	A front end for the gbrieff package	Schinke	430
gbt7714	BibTeX implementation of China’s bibliography style standard GB/T 7714-2015	Lee	313
gcard	Arrange text on a sheet to fold into a greeting card	McBane	340
gchords	Typeset guitar chords	Peeters	387
gcite	Citations in a reader-friendly style	Atkinson, Phillips	137
gckanbun	Kanbun typesetting for (u)pL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Yamamoto	544
gelasio	L <sup>A</sup> T <sub>E</sub> X support for the Gelasio family of fonts	Tennent	481
GELLMU	LaTeX-like markup for writing XML documents	Hammond	244
gen	Genealogy symbols	Knuth	292
gender	Gender neutrality for languages with grammatical gender	Banhardt	140
gene-logic	Typeset logic formulae, etc	Neugebauer	361
genealogy	A compilation genealogy font	Roegel	415
genealogytree	Pedigree and genealogical tree diagrams	Sturm	465
genfam	Run Metafont to produce the bitmap fonts	Schrod	436
genindex	Alternative index series	Smith	451

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X's minipages	Lotze	325
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	432
gentabtex	Python helper for creating tables	Algaba	130
gentium-original	Gentium font and support files	Schmitz, Miklavac	433
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavac, Farar, Schmitz	150
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	213
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	195
gentombow	Generate Japanese-style crop marks	Yamashita	544
geometry-de	German documentation for the geometry package	Umeki	500
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	500
geomsty	Macros used in typesetting a geometry book	Levy	316
geophysics	Articles for the journal Geophysics	Gildea	227
georgian-stanier	A Georgian font	Stanier	457
georgian	Support for typesetting in Georgian	Shoshiashvili	446
geradwp	Document class for the Cahiers du GERAD series	Hamel	244
german	Support for German typography	Raichle	402
germbib	German variants of standard BibT <sub>E</sub> X styles	Harders	247
germdoc	A collection of documentation available in German	Unknown	503
germkorr	Change kerning for German quotation marks	Baumann	143
geschichtsfinkl	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	549
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	440
getfiledate	Find the date of last modification of a file	Musa	358
getitems	Gathering items from a list-like environment	Hendrickson	253
getmap	Download OpenStreetMap maps for use in documents	Kleber	287
getoptk	Define macros with sophisticated options	Le Barbier Grünewald	240
getrefs	BibT <sub>E</sub> X style to sort by "journal" entries of references	Deutscher	193
getttitlestring	Clean up title references	Oberdiek	370
gfdl	Support for using GFDL in L <sup>A</sup> T <sub>E</sub> X	Unknown	503
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	532
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	498
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	498
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	498
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	498
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	498
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	497
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	497
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	498
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	497
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	498
GFS Solomos	A Greek-alphabet font	Tsolomitis	497
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	281
ghostscript	Freely available PostScript interpreter	Deutsch	193
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	363
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	516
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ginc1tex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	428
gindex	Formatting indexes	Bezós López	321
ginpenc	Modification of inputenc for German	Harders	247
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	353
gitfile-info	Get git metadata for a specific file	Hilbig	256
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	320
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	320
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	320
gitstatus	Include Git information in the document as watermark or via variables	Gruber	240
gitver	Get the current git hash of a project and typeset it in the document	Baynham	143
gkpmac	The macros used in "Concrete Mathematics"	Knuth	292
gl-tree	Linguistic trees with a preprocessor	Lee	312
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	241
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	406
glhyph	Hyphenation patterns for Galician	Múgca de Rivera	409
globalvals	Declare global variables	Baynham	143
glonti	Virtual fonts for T2A-encoded fonts	Glonti	229
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	223
gloss-occitan	Polyglossia support for Occitan	Valmary	511
gloss	Create glossaries using BibTeX	de Arriba, Bezós López	133
glossaries-accsupp	Accessibility support for glossaries	Talbot	473
glossaries-danish	Danish language module for glossaries package	Talbot	474
glossaries-dutch	Dutch language module for glossaries package	Talbot	474
glossaries-english	English language module for glossaries package	Talbot	474
glossaries-esto...	Estonian language module for glossaries package	Kankainen	276
glossaries-extra	An extension to the glossaries package	Talbot	474
glossaries-finnish	Finnish language module for glossaries package	Välimäki	511
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	476
glossaries-german	German language module for glossaries package	Talbot	474
glossaries-irish	Irish language module for glossaries package	Talbot	474
glossaries-italian	Italian language module for glossaries package	Talbot	474
glossaries-magyar	Magyar language module for glossaries package	Talbot	474
glossaries-norsk	Norsk Bokmål language module for the glossaries Package	Stendahl	459
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustrveit	249
glossaries-polish	Polish language module for glossaries package	Talbot	474
glossaries-port...	Portugues language module for glossaries package	Talbot	474
glossaries-serbian	Serbian language module for glossaries package	Talbot	474
glossaries-slovene	Slovene language module for glossaries package	Bačić	138
glossaries-spanish	Spanish language module for glossaries package	Talbot	474
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	368
glossaries	Create glossaries and lists of acronyms	Talbot	473
glossary	Create a glossary	Talbot	474
glosstex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	547
glotex	A glossary processor	Aurbach, Hantelmann, Iani-	137
		gro	
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	200
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	357
gmeometric	Change page size wherever it's safe	Murzynowski	357
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	357
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	238
gmutils	Support macros for other packages	Murzynowski	357
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	357
gmverse	A package for typesetting (short) poems	Murzynowski	357
gnu-freefont	A Unicode font, with rather wide coverage	White	534
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	250

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	300
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	359
go	Fonts and macros for typesetting go games	Kołodziejska	299
gobble	More gobble macros for PlainT <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Scharrer	428
goblin	Tolkien’s goblin alphabet	Stanier	457
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
gost	BibT <sub>E</sub> X styles to format according to GOST	Polyakov, Kotelnikov	395
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	246
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	136
gpdata	Cause MetaPost graph package to ignore ‘#’-comments	Vieth	518
gplot	CGM-based graphics support	Andrews	132
grabbox	Read an argument into a box and execute the code afterwards	Spratte	456
gradback	Gradient backgrounds for dvips output	Pedersen	387
gradient-text	Decorate text with linear gradient colors	Du	198
gradientframe	Simple gradient frames around objects	Raue	404
grading-scheme	Typeset grading schemes in tabular format	Keßler	280
gradstudentresume	A generic template for graduate student resumes	Kumar	305
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	384
grafik	EPS graphics under Windows	Dübendorfer	198
grant	Classes for formatting federal grant proposals	Karr	278
graph35	Draw keys and screen items of several Casio calculators	Paternault	386
GraphBase	A platform for combinatorial algorithms	Knuth	292
graphbox	Extend graphicx to improve placement of graphics	Beisert	148
GraphConv	Convert graph files to PSTricks	Chicoine	179
grapher	Create graphs, state machine and data flow diagrams	Algaba	130
graphfig	Simpler graphic, subfigure and float	Bosisio	157
graphicp	An enhanced version of graphics	Szabó	471
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	488
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	491
graphics-pln	LaT <sub>E</sub> X-style graphics for Plain T <sub>E</sub> X users	Carlisle	170
graphics	Standard L <sup>A</sup> T <sub>E</sub> X graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
graphicscache	Cache includegraphics calls	Schwarz	439
graphicx-psmin	Reduce size of PostScript files by not repeating images	Adriaens	128
graphicx	Enhanced support for graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
graphicxbox	Insert a graphical image as a background	Story	463
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	544
GraphicxSP	An extension of the graphicx package	Story	463
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	309
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	151
GraphT <sub>E</sub> X	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	394
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	404
gray	Fonts for gray-scales	Knuth	292
grayhints	Produce ‘gray hints’ to a variable text field	Story	463
grchyp	Hyphenation for classical Greek, under XeT <sub>E</sub> X	Codet	182
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	346
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	470
greek-makeindex	Makeindex working with Greek	Syropoulos	468
greek4cbc	A Greek font from 394BC	Wilson	536
greek6cbc	A Greek font from the sixth century BC	Wilson	536
greekctr	Represent counters by letters of the Greek alphabet	Knappen	290
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	497
greekinfo3	Overview of systems, packages, and fonts for Greek T <sub>E</sub> X	Dimakos, Filippou	194
grektex-fd	L <sup>A</sup> T <sub>E</sub> X font definition files for GreekT <sub>E</sub> X	Brodnik	161
grektex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyarakis	353

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
greektonoi	Facilitates writing/editing of multiaccented greek	Cornaros	185
greenpoint	The Green Point logo	Triska	496
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	421
grfext	Manipulate the graphics package's list of extensions	Oberdiek	370
grffile	Extended file name support for graphics (legacy package)	Oberdiek	370
grfguide	L <sup>A</sup> T <sub>E</sub> X standard graphics and color packages documentation	Carlisle	170
grfpaste	Include fragments of a dvi file	Carlisle	170
grid-system	Page organisation, modelled on CSS facilities	Bitzl	152
grid	Grid typesetting in L <sup>A</sup> T <sub>E</sub> X	River Valley Technologies	409
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	342
gridset	Grid, a.k.a. in-register, setting	Kohm	296
gridslides	Free form slides with blocks placed on a grid	Mendler	344
grkfst	Install Greek Type 1 fonts	Kryukov	303
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	468
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	469
grundgesetze	Typeset Frege's Grundgesetze der Arithmetik	Rosberg	419
grverb	Typesetting Greek verbatim	Syropoulos	469
GS1	Typeset EAN barcodes using T <sub>E</sub> X rules, only	Kohm	296
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	421
gsftopk	Convert "Ghostscript fonts" to PK files	Vojta	520
gsview	View PostScript under MS-Windows or OS/2	Lang	309
gtex-letter	A Gnome assistant to ease the writing of L <sup>A</sup> T <sub>E</sub> X letters	Folini	217
gtl	Manipulating generalized token lists	Le Floch	216
gtrcrd	Add chords to lyrics	Bresciani	161
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	239
gu	Typeset crystallographic group-subgroup-schemes	Lange	309
guarani	Guarani support	Bezós López	321
gudea	The Gudea font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
guia-bibtex	Guia casi completa de BibTeX	López	324
guide-latex-fr	A french guide on L <sup>A</sup> T <sub>E</sub> X – for beginners or advanced users	Bouzigues	158
GuIT-corso	Introduzione al mondo di L <sup>A</sup> T <sub>E</sub> X	Himmelman, Vavassori, Busdraghi	257
guitar	Guitar chords and song texts	Väth	512
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	364
guitartabs	A class for drawing guitar tablatures easily	Babushkin	138
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	513
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	518
gurmukhi-singh	Support for Gurmukhi in T <sub>E</sub> X	Singh	449
gurmukhi	Support for Gurmukhi	Pandey	383
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	210
GUtenberg	French T <sub>E</sub> X Users Group information	Just	275
gv-savepos	A patch to gv to save positions	Thành	484
gv	An X front end for Ghostscript	Marchesi	335
gzt	Bundle of classes for "La Gazette des Mathématiciens"	Bitouzé	152
<b>HHHHH</b>			
h2020proposal	L <sup>A</sup> T <sub>E</sub> X class and template for EU H2020 RIA proposal	Indiveri	266
ha-prosper	Patches and improvements for prosper	Adriaens	128
hackalloc	Make allocations local	Unknown	504
hackthefootline	Footline selection and configuration for L <sup>A</sup> T <sub>E</sub> X beamer's standard themes	Friedl	220
hacm	Font support for the Arka language	Miyatani	350
hagenberg-thesis	Collection of L <sup>A</sup> T <sub>E</sub> X classes, style files and example documents for academic manuscripts	Burger, Hochleitner	165
halftone	Knuth's halftone font and its uses	Clark, Knuth	181
halloweenmath	Scary and creepy math symbols with AMS-L <sup>A</sup> T <sub>E</sub> X integration	Mezzetti	345

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hamnosys	A font for sign languages	Schulder, Hanke	437
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	465
handout	Create handout for auditors of a talk	Rouquette	420
handoutWithNotes	Create Handouts with notes from your L <sup>A</sup> T <sub>E</sub> X beamer presentation	Diepen, Peischl	193
hands	Pointing hand font	Tobin, Powroz	494
hang	Environments for hanging paragraphs and list items	Nolda	367
hangcaption	Hanging layout for captions	Jones	273
hanging	Hanging paragraphs	Robertson, Wilson	412
hanoi	Tower of Hanoi in T <sub>E</sub> X	Blackmore	152
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	225
happy4th	A firework display in obfuscated T <sub>E</sub> X	Blackmore	153
har2nat	Replace the harvard package with natbib	Straathof	464
haranoaji-extra	Harano Aji Fonts	Hosoda	262
haranoaji	Harano Aji Fonts	Hosoda	262
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	411
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	531
harnon-cv	A CV document class with a vertical timeline for experience	Hart	249
harpoon	Extra harpoons, using the graphics package	Kuipers	305
harvard-obsolete	The Harvard bibliography style family	Williams	535
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	535
harveyballs	Create Harvey Balls using TikZ	Roth	419
harvmac	Macros for scientific articles	Ginsparg	228
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	267
hausarbeit-jura	Class for writing “juristische Hausarbeiten” at German Universities	Sievers	448
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	181
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	448
he-le-na	Support for Serbian typesetting	Filipović	212
he-she	Alternating pronouns to aid gender-neutral writing	Munn	356
headerfooter	Define the layouts of page headers and footers	Gildea	227
hebrew-fonts	Input encodings, font encodings and font definition files for Hebrew	Fogiel	217
hebtex	Support for Hebrew and other right-to-left languages	Porrat	396
hecthes	A class for dissertations and theses at HEC Montréal	Hamel	244
hellas	Typeset bibliographies which include Greek	Syropoulos	469
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	362
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	433
hep-acronym	An acronym extension for glossaries	Hajer	243
hep-bibliography	An acronym extension for glossaries	Hajer	243
hep-float	Convenience package for float placement	Hajer	243
hep-font	Latin modern extended by computer modern	Hajer	243
hep-gen	Generic macros for quantum physics	Unknown	504
hep-graphic	Extensions for graphics, plots and feynman graphs in high energy physics	Hajer	243
hep-math-font	Extended Greek and sans-serif math	Hajer	243
hep-math	Extended math macros	Hajer	243
hep-paper	Publications in High Energy Physics	Hajer	244
hep-reference	Adjustments for publications in High Energy Physics	Hajer	244
hep-text	List and text extensions	Hajer	244
hep-title	Extensions for the title page	Hajer	244
hep	A “convenience wrapper” for High Energy Physics packages	Buckley	163
hepnames	Pre-defined high energy particle names	Buckley	163
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	163
hepthesis	A class for academic reports, especially PhD theses	Buckley	163
Hepunits	A set of units useful in high energy physics applications	Buckley	163
here	Emulation of obsolete package for “here” floats	Berry	150

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hereapplies	A L <sup>A</sup> T <sub>E</sub> X package for referencing groups of pages that share something in common	Unknown	504
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	522
hershey-mp	MetaPost support for the Hershey font file format	Renkema	407
hershey	Experiments with the Hershey fonts	Yap	545
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	443
hex	Print a counter in hexadecimal	Domenjoud	194
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	421
hexdump	Read and typeset ASCII hexdump files	Hillebrand	256
hexgame	Provide an environment to draw a hexgame-board	Brouwer	162
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	212
hfbright	The hfbright fonts	Harders	247
hfoldsty	Old style numerals with EC fonts	Harders	247
HFUTExam	Exam class for Hefei University of Technology (China)	Zhang	551
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	548
hge	An “Old English” font	Unknown	504
hhline	Better horizontal lines in tabulars and arrays	Carlisle	170
hhtensor	Print vectors, matrices, and tensors	Harders	247
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	306
hieroglf	The “poor man’s” Egyptian Hieroglyphic font	Wilson	536
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	419
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	449
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	303
hilowres	Support high and low resolution versions of same picture	Gerell	225
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	305
hindmadurai	The HindMadurai font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
histogr	Draw histograms with the L <sup>A</sup> T <sub>E</sub> X picture environment	Schöpf	435
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal ‘Historische Zeitschrift’	Waßenhoven	530
histyle	A “HighStyle” environment for T <sub>E</sub> X	Unknown	504
hitec	Class for documentation	Billauer	152
hitex-def	Support files for HiTeX	Ruckert	423
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	423
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	545
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	466
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	545
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	545
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	497
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	500
hlatex	Support for the Korean language	Un	500
hletter	Flexible letter typesetting with flexible page headings	Housley	263
hlist	Horizontal and columned lists	Tellechea	478
hmtrump	Describe card games	Hitomi	257
hobby	An implementation of Hobby’s algorithm for PGF/TikZ	Stacey	457
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	233
hobsub	Construct package bundles	Oberdiek	370
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	548
hologo	A collection of logos with bookmark support	Oberdiek	370
holtpolt	Typeset Maxwell’s non-commutative division	Knappen	290
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	371
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developpers	Rouquette	420
hopatch	Load patches for packages	Oberdiek	371
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	450
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	529
hp2xx	HP GL converter	Unknown	504
hpgl2ps	Translate HPGL to PostScript	McCormick	341



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hpsdiss	A dissertation class	Schmid	431
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	164
hrefhide	Suppress hyper links when printing	Münch	355
hrhyph	Croatian hyphenation	Marinović	336
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	336
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	275
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	484
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	529
hu-berlin-bundle	L <sup>A</sup> T <sub>E</sub> X classes for the Humboldt-Universität zu Berlin	Bossert	157
huawei	Template for Huawei documents	Bugayenko	164
huaz	Automatic Hungarian definite articles	Tómacs	495
huffman	Drawing binary Huffman trees with MetaPost and METAOBJ	Chupin	180
huhyph	Hyphenation patterns for the Hungarian language	Mayer	340
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	495
humanbio	Bibliography style for "Human Biology"	Rogers	416
humanist	Humanist manuscript book-hand font	Wilson	536
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	416
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	537
hungarian	New Hungarian hyphenation patterns	Nagy	359
husthesis	Unofficial thesis template for Huazhong University	Cheng	177
hvarabic	Macros for RTL typesetting	Voß	522
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	359
hvextern	Write and execute external code, and insert the output	Voß	522
hvfloat	Controlling captions, fullpage and doublepage floats	Voß	522
hvindex	Support for indexing	Voß	522
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	522
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	345
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	432
hvpymntex	Syntax-Highlighting of program code	Voß	522
hvqrurl	Insert a QR code in the margin	Voß	522
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	504
hwkatakana	Half-width katakana fonts	Hassenpflug	249
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	216
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	161
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	371
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	371
hypcap	Adjusting the anchors of captions	Oberdiek	371
hyptestopt	Hyperref destination optimizer	Oberdiek	371
hyptdoc	Hyper extensions for doc.sty	Oberdiek	371
hyptdvips	Hyperref extensions for use with dvips	Niedrist	364
hyper	Hypertext cross referencing	Mehlich	344
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	302
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	177
hypernat	Allow hyperref and natbib to work together	Berger	150
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	375
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	381
hypgotoe	Links to embedded files	Oberdiek	371
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	346
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	477

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hyphen-spanish	Standard hyphenation rules for Spanish	Bezos López, Carmona	324
hyphenat	Disable/enable hyphenation	Robertson, Wilson	413
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	213
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	316
hyphsubst	Substitute hyphenation patterns	Oberdiek	371
hyphth1	Additional hyphenation patterns	Raichle	402
HyPlain	Basic support for multiple languages in Plain $\TeX$	Gregorio	238
<b>IIII</b>			
i-ching	An i-ching package	Bzyl	168
iagproc	Class for two column IAG Proceedings articles	Vermeer	514
iahypen	Hyphenation patterns for Interlingua	Kleiweg	289
ibarra	$\LaTeX$ support for the Ibarra Real Nova family of fonts	Tennent	481
ibm	Metrics for IBM fonts	Rahtz	401
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	313
ibrackets	Intelligent brackets	Missier	348
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	255
ibyrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	432
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	393
icelandic	Icelandic Fonts	Pind	393
iching	A font for I Ching divinations	Stanier	458
icite	Indices locorum citatorum	Alessi	130
icomma	Intelligent commas for decimal numbers	Schmidt	431
icon-appr	Creates icon appearances for form buttons	Story	463
icons	$\TeX$ icons	Carriba, Sendoukas	173
icsv	Class for typesetting articles for the ICSV conference	Robertson	410
idealfonts	Font and $\LaTeX$ support for Textures users	Gaulle	224
identkey	Typesetting bracketed dichotomous identification keys	White	533
idverb	Inline verbatim identifiers	Schrod	436
idxcmds	Semantic commands for adding formatted index entries	Niederberger	364
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titz	494
idxtex	An index processor	Aurbach, Hantelmann, Iani-gro	137
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	140
IEEEconf	Macros for IEEE conference proceedings	Pakin	382
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	303
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	445
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	445
IEEEtran	Unofficial bibliography style file for the Institute of Electrical Engineers of Japan	Ejiri	203
ietfbibs	Generate BibTeX entries for various IETF index files	Mortier	352
iexec	Execute shell commands and input their output	Bugayenko	164
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	389
ifallfalse	Compare a string against a set of other strings	Chen	176
ifdraft	Detect “draft” and “final” class options	Oberdiek	371
ifetex	Provides \ifetex switch	$\LaTeX$ Team, Scharer	491
iffont	Conditionally load fonts with fontspec	Weiss	532
iflang	Expandable checks for the current language	Oberdiek	371
ifluatex	Provides the \ifluatex switch	$\LaTeX$ Team, Oberdiek	491
ifmslide	Presentation slides for screen and printouts	Emmel	205
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	413
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	327
ifoddpag	Determine if the current page is odd or even	Scharer	428
ifpdf	Provides the \ifpdf conditional	$\LaTeX$ Team, Oberdiek	491
ifplatform	Conditionals to test which platform is being used	Robertson, Große	411

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	547
ifsym	A collection of symbols	Klöckl	290
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	490
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	309
ifthenx	Extra tests for \ifthenelse	Jones	273
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	491
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	491
ifxptex	Detect pTeX and its derivatives	Zhang	552
igo	Fonts and macro to typeset Go diagrams	Dupuis	200
iitem	Multiple level of lists in one list-like environment	Vitecek	519
ijc	International Journal of Control style	Balemi	139
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	386
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	516
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	337
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	158
imac	International Modal Analysis Conference format	Slater	450
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	365
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	145
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	290
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
imfellflowers	IM Fell Flower OpenType fonts	Tennent	481
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	128
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	394
import	Establish input relative to a directory	Arseneau	134
impose	PostScript imposition and support utilities	Grobgeld	239
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	516
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	281
IMTEKda	IMTEK thesis class	Dreher	197
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	465
includeRnw	Include .Rnw inside .tex	Storvik Strauman	465
includex	Extended \include	Swift	467
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	316
indent	Environments that change margins	Unknown	504
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	273
indextools	Producing multiple indices	Rouquette	420
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	394
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	452
indxcite	Generate author index based on citations	Ashton	137
infpic	Macros to insert pictures in paragraphs	Ulrych	500
infwarrerr	Complete set of information/warning/error message macros	Oberdiek	371
inhyp	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	291
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	459
inkpaper	A mathematical paper template	Liang	317
inline-images	Inline images in base64 encoding	Wäckerlin	527
inlinebib	Citations in footnotes	Seindal	441
inlinedef	Inline expansions within definitions	Hicks	256
inlinelabel	Assign equation numbers to inline equations	Kusakabe	306
innerscript	Modifies automatic mathematics spacing	Kosowsky	300

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	271
inputenx	Enhanced input encoding handling	Oberdiek	371
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	498
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	302
inputtrc	Trace which file loads which	Lück	327
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	336
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	211
insbox	Insert pictures/boxes into paragraphs	Gulczynski	241
inscrutable	A response to Perl hackers' silliness	Greene	237
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	463
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	537
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	537
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	529
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	287
intcalc	Expandable arithmetic operations with integers	Oberdiek	371
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	201
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	231
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	154
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	304
interchar	Managing character class schemes in XeTeX	Hu	263
interfaces	Set parameters for other packages, conveniently	Chervet	178
interpol	Add interpolation to MetaPost graph package	Vieth	518
interpreter	Translate input files on the fly	Isambert, Robbers	266
interval	Format mathematical intervals, ensuring proper spacing	Madsen	333
intex	Support typesetting and indexing words and phrases	Ranange	403
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	302
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	149
inversepath	Calculate inverse file paths	Robertson	410
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	504
invoice-class	Produces a standard US invoice from a CSV file	Munn	356
invoice	Generate invoices	Corff	184
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	193
iodhbw	Unofficial template of the DHBW Mannheim	Faltin	209
ionumbers	Restyle numbers in maths mode	Schneider	434
iopart-num	Numeric citation style for IOP journals	Caprio	169
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	415
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	547
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	266
is-bst	Extended versions of standard BibTeX styles	Beebe	146
iscram	A L <sup>A</sup> T <sub>E</sub> X class to publish article to ISCRAM conferences	Gaborit	223
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	237
ishyph	Hyphenation patterns for Icelandic	Pind	393
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	484
isi2bibtex	Converter for ISI to BibTeX	Lee	312
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	361
iso	Generic ISO standards typesetting macros	Wilson	537
iso10303	Typesetting the STEP standards	Wilson	537
iso209	A document style for ISO standards	North	367
isodate	Tune the output format of dates according to language	Harders	247
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	190
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	504

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
isomath	Mathematics style for science and technology	Milde	346
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	513
isopt	Writing a $\TeX$ length with a space between number and unit	Voß	522
isorot	Rotation of document elements	Wilson	537
isotope	A package for typesetting isotopes	Bauke	143
ispell	Multi-platform spell checker	Atkinson	137
issuulinks	Produce external links instead of internal ones	Veytsman	516
ist21	Title page for the old BSI IST/21 committee	Unknown	504
istgame	Draw Game Trees with TikZ	Cho	180
ital	Automatic italic correction	Bernstein	150
italic	Automatic italic correction for italic and slanted text	Goatley	229
iTe	Interactive $\TeX$ editor	Kühn	304
ithyph	Hyphenation patterns for the Italian language	Beccari	144
itnumpar	Spell numbers in words (Italian)	Gregorio	238
itrans-processor	Transliteration of Indian Languages	Chopde	180
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	191
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	202
iwona	A two-element sans-serif font	Nowacki	368
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	353
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	293
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	486
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	427
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	401
jamtimes	Expanded Times Roman fonts	Veytsman	516
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	504
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese $\TeX$ Team	476
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese $\TeX$ Team, Tanaka	397
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	352
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	222
jasthesis	A 'standard' thesis class	Shepherd	445
JavaBib	A BibTeX file manager written in Java	Unknown	504
javadoc	Documenting source code	Kiesel	283
javaDVI	DVI viewer and printer coded in Java	Hurt	264
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	545
JavascriptHTTP	Add buttons to a PDF to easily get and post web content	Zwahlen	554
jvatex	A Java implementation of $\TeX$	Murphy	357
jbact	BibTeX style for biology journals	Schneider	434
JBibtexManager	Managing citations in BibTeX format	Batada	142
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	256
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	460
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	336
JeuxCartes	Macros to insert playing cards	Pierquet	391
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	344
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	547
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	397
jhep	Class for JHEP	Nesti	360
jIEEETran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	203
jigsaw	Draw jigsaw pieces with TikZ	Unknown	504
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	463
jkmath	Macros for mathematics that make the code more readable	Kaerts	275



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	290
jkthesis	Document class for formatting a thesis	Küpper	305
jlables	Make letter-sized pages of labels	Tartir	477
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	453
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	352
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	128
jmakedfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	474
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	434
jmlr	Class files for the Journal of Machine Learning Research	Talbot	474
jmsdelim	A package for compositional delimiter sizing	Sterling	460
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	254
jnuexam	Exam class for Jinan University	Lyu	332
jobname-suffix	Compile differently based on the filename	Siefken	447
joinbox	Join boxes vertically or horizontally	Geng	225
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
jourcl	Cover letter for journal submissions	Kukovec	305
jourrr	A L <sup>A</sup> T <sub>E</sub> X template for journal rebuttal letters	Kukovec	305
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	485
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	365
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	345
jphysiol	BibTeX style for the Journal of Physiology	Hennig	254
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	408
jpnduenumerate	Enumerative expressions in Japanese education	Kusakabe	306
jpndumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	306
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	306
jqt1999	Journal of Quality Technology BibTeX format	Forrest	218
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	436
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	376
jslectureplanner	Creation and management of university course material	Spitzmüller	455
jspell	An ASCII file spelling checker	Jeong	272
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	416
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	410
jumplines	Articles with teasers and continuation later on	Hupfer	264
unicode	A TrueType font for mediaevalists	Baker	138
jupynotex	Include whole or partial Jupyter notebooks in L <sup>A</sup> T <sub>E</sub> X documents	Batista	142
jura	A document class for German legal texts	Braun	160
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	530
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	150
juramisc	Typesetting German juridical documents	Sodtalbers	452
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	530
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	300
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	526
jwjournal	A personal class for writing journals	XU	543
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	451
kalender-209	Produce page-per-day calendars	Schrell	435
kalender	Create a calendar, in German	Söhner	452
kanaparser	Kana parser for LuaTeX	Zahumensky	549
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	176
kantlipsum	Generate sentences in Kant's style	Gregorio	238
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	269
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	534

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
karnaughmap	Typeset Karnaugh maps	Michael	345
karta	Cartographic signs	Unknown	504
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	318
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	453
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	156
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	316
kdgreek	Greek fonts and macros	Dryllerakis	198
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	164
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	279
kerkis	Kerkis (Greek) font family	Tsolomitis	497
kerntest	Print tables and generate control files to adjust kernings	Harders	247
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	471
keycommand	Simple creation of commands with key-value arguments	Chervet	178
keyfloat	Provides a key/value interface for generating floats	Dunn	199
keyindex	Index entries by key lookup	Zach	548
keyparse	Key based parser	Rogard	416
keyreader	A robust interface to xkeyval	Musa	358
keystroke	Graphical representation of keys on keyboard	Niepraschk	365
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
keyval2e	A lightweight and robust key-value parser	Musa	358
keyvaltable	Re-usable table layouts separating content and presentation	Grewe	239
kfupm-math-exam	A L <sup>A</sup> T <sub>E</sub> X document style to produce homework, quiz and exam papers	Alshahrani	131
kile	A user friendly T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X editor for KDE	Wijnhout, Brachet	535
kinematikz	Design kinematic chains and mechanisms	Santos	425
kix	Typeset KIX codes	Stoks	460
KIXfont	A font for KIX codes	van Rein	406
klinz	A Klingon font	Wünsch	542
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	290
knit	Tangle and weave with multiple change files	Appelt	132
knitting	Produce knitting charts, in Plain T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Barton	141
knittingpattern	Create knitting patterns	Griffiths	239
knot	A Celtic knotwork font	Jaquina	270
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	183
knst	Multiple-guess tests	Saludes	425
knuth-base	The current state of Knuth's contributions	Knuth	293
knuth-dist	The current state of Knuth's contributions	Knuth	293
knuth-errata	Knuth's published errata	Knuth	293
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	430
knuth-letter	Knuth's example letter macros	Knuth	293
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	293
knuth-local	Knuth's local information	Knuth	293
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	430
koi8	KOI-8 input support	Blumenthal	154
koma-moderncvcl...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	452
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	296
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	296
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	296
koma-script-exa...	Examples from the KOMA-Script book	Kohm	296
koma-script-obs...	Deprecated packages from koma-script	Kohm	296
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	510
koma-script	A bundle of versatile classes and packages	Kohm	296
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	239
komacv	Typesetting a beautiful CV with various style options	Södergran	452

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	531
KorigamiK	Typeset articles using KorigamiK's document class	Lakhwani	308
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	312
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	312
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	312
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	312
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	486
kpfonts-otf	OTF version of the Kp-fonts	Flipo	215
kpfonts	A complete set of fonts for text and mathematics	Caignaert	168
ksfh-nat	BibT <sub>E</sub> X style for KSFH Munich	Bilger	152
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	251
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	214
ktv-texdata	Extract subsets of documents	Huynh	265
ku-template	Copenhagen University or faculty logo for front page	Pedersen	387
kurdishlipsum	A 'lipsum' package for the Kurdish language	Jund	275
kurier	A two-element sans-serif typeface	Nowacki	368
kuvio	Drawing macros and fonts for diagrams	Svensson	466
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	371
kvmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	219
kvoptions	Key value format for package options	Oberdiek	372
kvsetkeys	Key value parser with default handler support	Oberdiek	372
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	245
l2picfaq	L <sup>A</sup> T <sub>E</sub> X pictures "how-to" (German)	Bischoff	152
l2tabu-english	English translation of "Obsolete packages and commands"	Trettin, Fenn	496
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	130
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	550
l2tabu-spanish	Spanish translation of "Obsolete packages and commands"	Trettin, Medina Arellano	496
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	205
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	437
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	488
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	488
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	488
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	488
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	488
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	488
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	488
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
la	School handwriting fonts	Heuer	256
laansort	Sorting within T <sub>E</sub> X	van der Laan	307
labbook	Typeset laboratory journals	Küster	306
label-pln	Print address labels in three columns	Unknown	504
labelcas	Check the existence of labels, and fork accordingly	Diez	194
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	447
labelmac3	Print Avery 5160 labels for laser printers	Rao	403
labelmag	Manage a collection of labels	Willadt	535
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	227
labels4easylist	Add reference labels to easylist items	Paciorek	380
labelschanged	Identify labels which cause endless "may have changed" warnings	Dunn	199
lablst-pkg	List names of labels in a document	Karney	277
labtex	Label diagrams produced in Metafont	Hoening	258
labyrinth	Draw labyrinths and solution paths	Zigliotto	553
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen, T <sub>E</sub> XLive	493

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ladder	Draw simple ladder diagrams using TikZ	Cadiou	168
lahyph	Hyphenation patterns for the Latin language	Beccari	145
laletter	Los Alamos letter style	Sydoriak	468
lambda-lists	Lists in T <sub>E</sub> X's mouth	Jeffrey	271
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	416
lamemo	Memo style as used at Los Alamos	Sydoriak	468
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	351
lamstex-index	Index processor for LamsTeX	Spivak	455
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	455
landscape	Set up for typesetting in landscape	Hosek	261
langcode	Simple language-dependent settings based on language codes	Lück	327
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un-known	337
langsci-affilia...	Collect and order authors and affiliations	Kopecky	299
langsci-avm	Feature structures and attribute-value matrices (AVM)	Kopecky	299
langsci	Typeset books for publication with Language Science Press	Nordhoff	367
lapdf	PDF drawing directly in T <sub>E</sub> X documents	Reimers	406
laps	Zero-width boxes for annotations, etc	Unknown	504
lastbib	Record the number of citations in a document	Tuleuov	499
lastpackage	Indicates the last loaded package	Pospiech	396
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	355
LaTable	A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables	Denisov	192
lated	Graphical L <sup>A</sup> T <sub>E</sub> X picture editor	Ressler	407
latex-amsmath-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X amsmath bundle	L <sup>A</sup> T <sub>E</sub> X Team	488
latex-amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
latex-base-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X kernel	L <sup>A</sup> T <sub>E</sub> X Team	488
latex-base	Base sources of L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach	491
latex-bib-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	522
latex-bib2-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	522
latex-bnf	L <sup>A</sup> T <sub>E</sub> X macros for typing BNF specifications	Osborne	379
LaTeX-brochure	A publicity flyer for L <sup>A</sup> T <sub>E</sub> X	Flynn	217
latex-context-p...	Legacy stub to allow loading pictex as m-pictex	Carlisle	170
latex-course	A L <sup>A</sup> T <sub>E</sub> X course as a projected presentation	Buxbaum	167
cyrillic	Support for Cyrillic fonts in L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	487
latex-doc-ptr	A direction-finder for L <sup>A</sup> T <sub>E</sub> X resources available online	Hefferon, Pégourié-Gonnard, Berry	250
latex-doc	Documentation supplied as part of the L <sup>A</sup> T <sub>E</sub> X distribution	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-errata	Errata for the L <sup>A</sup> T <sub>E</sub> X Manual	Lamport	308
latex-essential	Essential information for writing L <sup>A</sup> T <sub>E</sub> X documents	Warbrick, Rivera	530
latex-firstaid-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X firstaid package	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-firstaid	First aid for external L <sup>A</sup> T <sub>E</sub> X files and packages that need updating	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-fonts	A collection of fonts used in L <sup>A</sup> T <sub>E</sub> X distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	294
latex-for-under...	A tutorial aimed at introducing undergraduate students to L <sup>A</sup> T <sub>E</sub> X	Lounsbury	325
latex-git-log	Typeset git log information	Schneider	434
latex-graphics-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-graphics	The L <sup>A</sup> T <sub>E</sub> X standard graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-hlp	A VMS help file for L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	237
latex-info	Unofficial reference manual for L <sup>A</sup> T <sub>E</sub> X	Steffens, Greenwade	459
latex-lab-dev	L <sup>A</sup> T <sub>E</sub> X laboratory: Development pre-release	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-lab	L <sup>A</sup> T <sub>E</sub> X laboratory	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-make	Easy compiling of complex (and simple) L <sup>A</sup> T <sub>E</sub> X documents	Danjan	189
latex-mr	A practical guide to L <sup>A</sup> T <sub>E</sub> X and Polyglossia for Marathi and other Indian languages	Holkar	261
latex-notes-zh-cn	Chinese Introduction to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Huang	263

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex-papersize	Calculate L <sup>A</sup> T <sub>E</sub> X settings for any font and paper size	Brown	162
latex-pro-pragm...	L <sup>A</sup> T <sub>E</sub> X for pragmatists	Satrapa	426
LaTeX-Referenz	Examples from the book "L <sup>A</sup> T <sub>E</sub> X Referenz"	Voß	522
latex-refsheet	L <sup>A</sup> T <sub>E</sub> X Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	308
latex-sciences-...	(Xe)L <sup>A</sup> T <sub>E</sub> X Appliqué aux sciences humaines	Rouquette	420
latex-tabellen	L <sup>A</sup> T <sub>E</sub> X Tabellen	Voß	522
LaTeX-tds	A structured copy of the L <sup>A</sup> T <sub>E</sub> X distribution	Oberdiek	372
latex-tools-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-tools	The L <sup>A</sup> T <sub>E</sub> X standard tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	489
latex-uni8	Universal inputenc, fontenc, and babel for pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Szabó	471
LaTeX-veryshort...	The Very Short Guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	217
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	337
latex	A T <sub>E</sub> X macro package that defines L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Lamport	490
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	308
latex2e-help-te...	A French translation of "latex2e-help-texinfo"	Belaïche	148
latex2e-help-te...	Unofficial reference manual covering L <sup>A</sup> T <sub>E</sub> X2e	Berry, Martinsen, Greenwade, Gilmore, Hefferon	150
latex2e-reference	A reference for L <sup>A</sup> T <sub>E</sub> X in HTML	Dietze	194
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	197
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	520
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	384
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dörner, Granzer	255
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	231
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	231
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	231
LaTeX4WP	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	231
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	319
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	249
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	489
latexcad	A CAD drawing package	Leis	314
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	439
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	410
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	235
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	175
latexcolors	Use color definitions from latexcolor.com	Plüss	394
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	334
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	302
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	206
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	396
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilman	493
latexdraw	CAD oriented drawing program	Siebert	448
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	327
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	247
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	458
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	264
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	181
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	342
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	183
LaTeXMng	An integrated development environment for Windows	Vabishchevich	510
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	352
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	183
latexpand	Expand \input and \include in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	354
LaTeXPiX	L <sup>A</sup> T <sub>E</sub> X picture editor for Windows	van Beurden	151
latexrelease	L <sup>A</sup> T <sub>E</sub> X release emulation	L <sup>A</sup> T <sub>E</sub> X Team	489



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	340
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	326
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	535
latin	Latin language definition for Babel	Beccari	145
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	290
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	291
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	291
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano's Interlingua	Leve	316
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	351
Layaureo	A package to improve the A4 page layout	Busdraghi	167
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	343
layouts	Display various elements of a document's layout	Robertson, Wilson	413
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	271
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	349
lccaps	Lowercased (spaced) small capitals	Giannotti	226
lcd	Alphanumeric LCD-style displays	Kaufmann	278
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	295
lcg	Generate random integers	Janka	269
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	273
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	318
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	498
leading	Define leading with a length	Robertson	410
leadsheets	Typesetting leadsheets and songbooks	Niederberger	364
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	433
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	382
lebhart	Write your articles in a colorful way	XU	543
lecturer	On-screen presentations for (almost) all formats	Isambert	266
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	169
lectureslides	Combine single PDF files into one file	Zhang	551
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	192
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	538
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	538
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	538
leftidx	Left and right subscripts and superscripts in math mode	Harders	247
leftindex	Left indices with better spacing	Ørsted	379
LEIletter	A letter class for Leiden University	Kreutzer	301
leipzig	Typeset and index linguistic gloss abbreviations	Weber	531
lengthconvert	Express lengths in arbitrary units	Daniel	189
letgut	Class for the newsletter "La Lettre GUTenberg" of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	137
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	372
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	505
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	309
letter1	Letter formatting macros	Unknown	505
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	510

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	451
letterspacing	Letter spacing	Taylor	478
letterswitharrows	Draw arrows over math letters	Teegen	478
lettre	Letters and faxes in French	Mégevand, Belaïche	343
lettrine	Typeset dropped capitals	Flipo	216
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	317
levy-latex	Macros for using Silvio Levy's Greek fonts	Dafferner	187
lewis	Draw Lewis structures	Horvath	261
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	430
lexikon	Macros for a two language dictionary	Kielhorn	283
lexitex	Footnote-style citations for law journals	Bennett	149
lexref	Convenient and uniform references to legal provisions	Vion	519
lertext	Typesetting legal documents using plain T <sub>E</sub> X	Horne	261
lfb	A Greek font with normal and bold variants	Field	212
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> T <sub>E</sub> X 2.09 fonts	Fuchs	222
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	401
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	349
lgraph	A program to generate graphs	Podar	395
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy's Greek fonts	Murphy	357
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	390
lgrmath	Use LGR-encoded fonts in math mode	Burnol	166
lgrx	Obsolete package for Greek in text	Milde	346
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	282
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	553
lhelp	Miscellaneous helper packages	Kuhlmann	304
libertine-legacy	Linux Libertine fonts for (La)T <sub>E</sub> X and pdf(La)T <sub>E</sub> X users	Tennent, Niedermair	483
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	481
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	481
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	443
libertineotf	Linux Libertine fonts for use with Lua(La)T <sub>E</sub> X and Xe(La)T <sub>E</sub> X	Gundlach, Niedermair	241
libertinus-fonts	The Libertinus font family	Hosny, MacIennan	262
libertinus-otf	Support for Libertinus OpenType	Voß	523
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaT <sub>E</sub> X	Tennent	481
libertinus	Wrapper to use the correct libertine package according to the used T <sub>E</sub> X engine	Voß	522
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	443
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	166
librarian	Tools to create bibliographies in T <sub>E</sub> X	Isambert	266
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	481
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	248
lie-hasse	Draw Hasse diagrams	McKay	342
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	389
liftarm	Draw liftarms	Floré	216
LigaT <sub>E</sub> X	Remove unnecessary ligatures	Killesreiter	284
Light L <sup>A</sup> T <sub>E</sub> X Make	l <sub>mk</sub> : A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	136
ligtype	Comprehensive ligature suppression functionalities	Kelkel	279
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	319
limap	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	361

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
limecv	A (Xe/Lua)LaTeX document class for curriculum vitæ	Pieters	392
linearA	Linear A script fonts	Syropoulos	469
linearb	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	537
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	259
linegoal	A “dimen” that returns the space left on the line	Chervet	178
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	158
linenoamsmath	Use the lineno package together with amsmath	Wette	533
ling-macros	Macros for typesetting formal linguistics	McKenzie	342
lingtrees	Linguistics trees preprocessor and macros	Andrews	132
linguex	Format linguists’ examples	Sternefeld	460
linguisticspro	LinguisticsPro fonts with LaTeX support	Tennent	481
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	533
linsys	Typeset systems of linear equations	Kehowski	279
lintex	Tidy up after a TeX run	Loreti, Kavanagh	325
lion-msc	LaTeX class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)	de Dood	195
lips	Text ellipses in LaTeX	Swift	467
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	245
lisp-on-tex	Execute LISP code in a LaTeX document	Shizuya	446
list	List ASCII text files	Knuth	293
listbib	Lists contents of BibTeX files	Kuhlmann	304
listing-pln	Almost-verbatim list programs	Toby	494
listing	Produce formatted program listings	Kuhlmann, Hebley	304
listings-ext	Automated input of source	Hoffman	258
listings	Typeset source code listings using LaTeX	Hoffmann, Moses, Heinz	258
listingsutf8	Allow UTF-8 in listings input	Oberdiek	372
listlbls	Creates a list of all labels used throughout a document	Melzer	344
listliketab	Typeset lists as tables	Pakin	382
listofanswers	Provide a list of answers to mathematical problems	Ipanaque	266
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	479
listofsymbols	Create and manipulate lists of symbols	Spreng	456
literate	A literate programming system, not tied to any language	Schrod	436
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	384
lithuanian	Lithuanian language support	Tolušis	495
liturg	Support for typesetting Catholic liturgical texts	Goodman	232
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	529
lkort	A short introduction to LaTeX, in Dutch	van Oostrum	378
LKproof	LK Proof figure macros	Tatsuta	477
l1list	List ASCII text files in landscape	Knuth	293
llncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	408
llncs209	Macros for Springer books	Unknown	505
llncsconf	LaTeX package extending Springer’s llncs class	Brucker	163
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	268
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	267
lmacs	A simple package for including support files	Story	463
lmake	Process lists to do repetitive actions	Pan	383
lms	LaTeX 2.09 style for LMS journals	Garling, Mulvey, Woollatt	224
ln03dvi	DVI to LN03 driver	Thomas	492
lni	Official class for the “Lecture Notes in Informatics”	Sievers	448
lobster2	Lobster Two fonts, with support for all LaTeX engines	Tennent	481
locality	Various macros for keeping things local	Gross	239

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	402
logbox	e-TeX showbox facilities for exploration purposes	Chervet	178
logfilter	Choose what you want to see of a (La)TeX log	Graversen	236
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	514
logic	A font for electronic logic design	Simpson	449
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	337
logicproof	Box proofs for propositional and predicate logic	Davidson	190
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	287
logix	Supplement to the Unicode math symbols	Finney	214
logoetalab	Insert Licence Etalab 2.0 logo	Pierquet	391
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	278
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	313
logsys	Draw logarithmic coordinate systems	Hansen	245
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	203
longdiv	Long division arithmetic problems	Arseneau	134
longdivision	Typesets long division	Chatham	176
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	314
longfigure	Provides a figure-like environment that break over pages	Arnold	133
longnamefilelist	Tidy \listfiles with long file names	Lück	327
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	172
longtocline	Macros to produce a table of contents	Unknown	505
lookbibtex	Tools for examining BibTeX files	Heidemann	250
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	358
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	195
lout	An alternative typesetting system	Kingston	285
loval	Round-cornered framed boxes	Schalück	427
lparse	A Lua module for parsing key-value options	Friedrich	221
lpform	Typesetting linear programming formulations and sets of equations	Waltman	529
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	340
lplfitch	Fitch-style natural deduction proofs	Zach	548
lps	Class for "Logic and Philosophy of Science"	Cevolani	174
lpw	A literate programming environment for Macs	Lindenberg	319
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	232
lsabon	Support files for the Linotype Sabon fonts	Veytsman	516
lsc	Typesetting Live Sequence Charts	Westphal	533
lscope	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
lshort-bulgarian	Bulgarian translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Karakoleva	277
lshort-czech	Czech translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Madr, Stríž, Oetiker	333
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Becuwe, Windels, Oetiker	146
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	375
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	383
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	252
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	183
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: L <sup>A</sup> T <sub>E</sub> X2e-Kurzbeschreibung	Schmidt, Gundlach, Daniel	431
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	241
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	337
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	284
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	142

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	195
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	378
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przechlewski, Serwin	230
lshort-portugue...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	395
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	449
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	494
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	167
lshort-slovenian	Slovenian translation of lshort	Plestenjak	394
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Artime, Rivera, Vela	136
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	519
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	277
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	395
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	362
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	543
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	375
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	428
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	133
lstfiracode	Use Fira Code font for listings	Zhang	551
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	252
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	367
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	195
ltablex	Table package extensions	Goel	230
ltabptch	Bug fix for longtable	Lück	327
lbt2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	141
lcaption	Fix some caption problems in longtables	Sommerfeldt	453
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	349
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	399
litt	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	290
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	275
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	195
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	537
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	349
ltx4yt	Play YouTube videos in the default browser	Story	463
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	372
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	146
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	172
ltxdockit	Documentation support	Lehman	314
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	190
ltxgrid	Control of the page grid	Ogawa	376
ltxguidex	An extended ltxguide class	Turner	499
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	329
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	409
ltxinput	Find files input by a document	Green	237
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	358
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	505
ltxnew	A simple means of creating commands	Chervet	178
ltxtable	Longtable and tabularx merge	Carlisle	170
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	358
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	376
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	179
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	241
lua-physical	Functions and objects for the computation of physical quantities	Jenni	271
lua-tinyyaml	A tiny YAML (subset) parser for pure Lua	Lee	313



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lua-typo	Highlighting typographical flaws with LuaLaTeX	Flipo	216
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	259
LuauL	Underlining for LuaLaTeX	Krüger	303
lua-uni-algos	Unicode algorithms for LuaTeX	Krüger	302
lua-visual-debug	Visual debugging with LuaLaTeX	Gundlach	241
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	177
lua2dtx	Auto-documentation of lua code	Dales	188
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	300
luabibentry	Repeat BibTeX entries in a LuaLaTeX document body	Kopp	299
luabidi	Bidi functions for LuaTeX	Khalighi, Rosendahl, bidi- tex GitHub Organisation	282
luacas	A computer algebra system for users of LuaLaTeX	All, Cochrane	131
luacensor	Securely redact sensitive information using Lua	Granet	235
luacode	Helper for executing lua code from within TeX	Pégourié-Gonnard	387
luacolor	Color support based on LuaTeX's node attributes	Oberdiek	372
luacomplex	Operations on complex numbers inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	178
luafindfont	Search fonts in the LuaTeX font database	Voß	523
luagcd	Computation of gcd of integers inside L <sup>A</sup> T <sub>E</sub> X using Lua	Chetan Shirore and Ajit Kumar	178
luahttp	Compile-time internet-interactive PDF-documents using Lua and LuaTeX	Casaburi	173
luahyphenrules	Loading patterns in LuaL <sup>A</sup> T <sub>E</sub> X with language.dat	Bezoz López	321
luaimageembed	Embed images as base64-encoded strings	Sachs	425
luaindex	Create index using LuaLaTeX	Kohm	296
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	421
luaintro	Examples from the book "Einführung in LuaTeX und LuaLaTeX"	Voß	523
luakeys	A Lua module for parsing key-value options	Friedrich	221
lualatex-doc-de	Guide to LuaL <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	388
lualatex-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	388
lualatex-math	Fixes for mathematics-related LuaL <sup>A</sup> T <sub>E</sub> X issues	Stephani	460
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	460
lualatex-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	220
lualibs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team	421
luainalg	A linear algebra package for LuaLaTeX	Chetan Shirore and Ajit Kumar	178
luamathalign	More flexible alignment in amsmath environments	Krüger	302
luamaths	Provide standard mathematical operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	178
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	181
luamodulartables	Generate modular addition and multiplication tables	Chetan Shirore and Ajit Kumar	178
luamplib	Use LuaTeX's built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	243
luanumint	Numerical integration using Lua inside L <sup>A</sup> T <sub>E</sub> X documents	Chetan Shirore and Ajit Kumar	178
luaoptions	Option handling for LuaL <sup>A</sup> T <sub>E</sub> X packages	Peron	389
luaotfload	OpenType 'loader' for Plain TeX and L <sup>A</sup> T <sub>E</sub> X	Roux, Hosny, Pégourié- Gonnard, Robertson, Gesang, L <sup>A</sup> T <sub>E</sub> X Team, Fis- cher, Krüger	421
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	273
luaplot	Plotting graphs using Lua	Chetan Shirore and Ajit Kumar	179

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luaprohtable	Programmable table interface for LuaLaTeX	Xiang	543
luapstricks	A PSTricks backend for LuaLaTeX	Krüger	303
luaquotes	Smart setting of quotation marks	Granet	235
luarandom	Create lists of random numbers	Voß	523
luaset	Set Operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	179
luaseq	Drawing spectral sequences in LuaLaTeX	Bauer	142
luatex-def	LuaTeX option file for color and graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
luatex-pkg	Basic definitions for LuaTeX	Oberdiek	372
luatex	The LuaTeX engine	The LuaTeX Team	486
luatex85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	173
luatexbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	388
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	286
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	284
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	421
luatodonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	319
luatruthtable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Ajit Kumar	179
luavlna	Prevent line breaks after single letter words, units, or academic titles	Hoftich	259
luaxml	Lua library for reading and serialising XML files	Hoftich	259
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	523
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	432
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	498
lucold	Use old-style digits with Lucida fonts	Loreti	325
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	190
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	207
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	432
lwarp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	199
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	401
LXfonts	Set of slide fonts based on CM	Beccari	145
lxmail	A letter-generator that produces L <sup>A</sup> T <sub>E</sub> X output	Fasada	210
ly1	Support for LY1 L <sup>A</sup> T <sub>E</sub> X encoding	Carlisle, Schmidt, Berry	172
lyluatex	Commands to include lilypond scores within a (Lua)L <sup>A</sup> T <sub>E</sub> X document	Peron, The Gregorio Project	389
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	206
<b>MMMMM</b>			
m-pictex	Enable PicTeX to run with L <sup>A</sup> T <sub>E</sub> X	Burnus	166
M-Tx	A preprocessor for pmx	Tennent, Laurie	483
m3D	Extension of plain MetaPost for 3D graphics	Phan	389
maad	Mathematical Approximations and Documentation	Watson, Jr	249
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	403
macbibtex	BibTeX for the Macintosh	Darley	189
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	529
macrolist	List operations for L <sup>A</sup> T <sub>E</sub> X2e	Chen	176
macros2e	A list of internal L <sup>A</sup> T <sub>E</sub> X2e macros	Scharrer	428
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	313
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	498
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	498
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	498
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	210
mafr	Mathematics in accord with French usage	Obrecht	375
magaz	Magazine layout	Arseneau	134
magic	A font to go with the Magic(TM) game	Dörntge	195

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
maginnum	Access T <sub>E</sub> X systems’ “magic numbers”	Oberdiek	372
magicwatermark	An easy and flexible way to set watermarks	Guo	241
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	433
mailing	Macros for mail merging	Braams	159
mailmerge	Repeating text field substitution	Frasson	219
make-env	Print USPS standard envelopes	Smith	451
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	143
make4ht	A build system for tex4ht	Hoftich	259
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	528
makebase	Typeset counters in a different base	Flynn	217
makebox	Defines a \makebox* command	Harders	247
makecell	Tabular column heads and multilined cells	Lapko	310
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	133
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	413
makecookbook	Make a Cookbook	Murphy, D’Amico	357
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	327
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	475
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	304
makeglos	Include a glossary into a document	Henlich	254
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	475
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	489
makeindex	Process index output to produce typesettable code	Chen, Beebe	176
makeindexx	Makeindex development sources	Chen, T <sub>E</sub> XLive	176
makelabels	Add a ‘makelabels’ feature to KOMA-Script letter classes and package	Kohm	296
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	519
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	436
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	466
makerobust	Making a macro robust (legacy package)	Oberdiek	372
makerobust209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	170
makeshape	Declare new PGF shapes	Robson	414
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	334
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	258
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	130
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	252
malayalam-omega	Typesetting Malayalam using Omega	Alex	130
maltese	Support input in Maltese	Farrugia	210
malvern	A sans-serif font family	Cugley	187
mandel	Compute the Mandelbrot set	Unknown	505
mandi	Macros for introductory physics and astronomy	Heafner	250
manfnt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	283
manjutex	Manju language support	Corff	184
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	176
manual	Knuth’s “manual” fonts	Knuth, Hoekwater	294
manual209	A document style for manuals	Nieland	365
Manuscript	Emulate look of a document typed on a typewriter	Cepl	174
manyfoot	Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X’s footnote mechanism	Rozhenko	422
manyind	Provides support for many indexes	van der Kallen	276
mapcodes	Support for multiple character sets and encodings	Piotrowski	394
maple	Styles and examples for the MAPLE newsletter	Unknown	505
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Unknown	505
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
margbib	Display bibitem tags in the margins	Tinnefeld	493
marginal	Extensions to \marginpar handling	Tolušis	495
marginfit	Improved margin notes	Leclaire	312

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
marginfix	Patch <code>\marginpar</code> to avoid overfull margins	Hicks	256
marginnote	Notes in the margin, even where <code>\marginpar</code> fails	Kohm	296
marginnote	Make numbered notes in the margin	Greenwade	237
markdown	Converting and rendering markdown documents inside $\TeX$	Novotný	367
marnote	Place text in the margin of a document	McCauley	341
marvosym	Martin Vogel's Symbols (marvosym) font	Henlich, Vogel, Miklavec	254
matapli	Class for the french journal "MATAPLI"	Chupin	181
matc3	Commands for MatematicaC3 textbooks	Vrettos	527
matc3mem	Class for MatematicaC3 textbooks	Vrettos	527
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	190
math-e	Examples from the book Typesetting Mathematics with $\LaTeX$	Voß	523
math-into-latex-4	Samples from Math into $\LaTeX$ , 4th Edition	Grätzer	235
mathabx-type1	Outline version of the mathabx fonts	Hotta	263
mathabx	Three series of mathematical symbols	Phan	390
mathalpha	General package for loading maths alphabets in $\LaTeX$	Sharpe	443
mathalphabets	Chinese introduction to mathematical alphabets	Chao	175
mathastext	Use the text font in maths mode	Burnol	166
mathbbol	Use the <code>bbold</code> fonts in mathematics	Knappen	291
mathcmd	Mathematics support commands	Bosisio	157
mathcommand	<code>\newcommand</code> -like commands for defining math macros	Colcombet	183
mathcomp	Text symbols in maths mode	Böß	157
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	390
mathdots	Commands to produce dots in math that respect font size	Luecking	329
mathematica	Support for fonts distributed with Mathematica	Kuska	306
mathesatz-examples	Examples from the book "Mathematiksatz mit $\LaTeX$ "	Voß	523
mathexam	Package for typesetting exams	Hlavacek	257
mathfam256	Extend math family up to 256 for pLaTeX/upLaTeX/Lamed	Yamashita	544
mathfixs	Fix various layout issues in math mode	Beisert	148
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	300
mathgfig	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	516
mathinst	Merge font families to create mathematical font sets	Hoenig	258
mathkit	Generate maths fonts to match outline fonts	Hoenig	258
mathlig	Define maths "ligatures"	Bean	143
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	407
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	398
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	431
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	271
mathptmx	Use Times as default text font, and provide maths support	Schmidt, Jeffrey, Rahtz, Vieth, $\LaTeX$ Team	433
mathpunctspace	Control the space after punctuation in math expressions	Kieda	282
mathrsfs	Support for using RSFS fonts in maths	Knappen	291
maths-symbols	Summary of mathematical symbols available in $\LaTeX$	Carlisle, Fairbairns	171
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	549
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	499
mathsemantics	Semantic math commands in $\LaTeX$	Bergmann	150
MathSpad	A mathematics-capable word processor with $\LaTeX$ output	Verhoeven	514
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	353
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	470
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	129
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	196
mathtex	A CGI program to use $\LaTeX$ to put mathematics on the web	Forkosh	218
mathtime-ltx	$\LaTeX$ macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	349
mathtime-metrics	MathTime AFM files	Unknown	505
mathtime-pln	Plain $\TeX$ macros for using MathTime and MathTime Plus	Lewenberg	317

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	260
MathTrip	A trip to the wonderful world of mathematics	Aubord	137
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	519
matlab-prettyfier	Pretty-print Matlab source code	Cretel	186
matlabweb	Literate programming system for Matlab	Potse	396
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	198
mattens	Matrices/tensor typesetting	Els	204
mattex	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	452
maybeload	Prevent reloading of files	Unknown	505
maybemath	Make math bold or italic according to context	Buckley	163
maze	Generate random mazes	Du	198
mbboard	Comprehensive blackboard bold fonts	Phan	390
mbenotes	Notes in tables or images	Borck-Elsner	156
mboxfill	Fill free space with a pattern	Rozhenko	422
mcaption	Put captions in the margin	Hennig	254
mceinleger	Creating covers for music cassettes	Benischke	149
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	511
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	544
mcite	Multiple items in a single citation	Ohl	376
mciteplus	Enhanced multiple citations	Shell	445
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	264
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	312
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	189
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	516
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	437
mdvi	A DVI previewer	Atria	137
mdwfonts	A model for font manipulation	Wooding	540
mdwlist	Miscellaneous list-related commands	Wooding	540
mdwmath	Some maths extensions	Wooding	540
mdwtab	A reimplementation of tabular and array environments	Wooding	540
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	540
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	192
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	234
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	234
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	305
meetingmins	Format written minutes of meetings	Beitzel	148
megatape	Make cassette tape labels	Nickel	362
mem	A multilingual system for Lamed	Bezos López	322
membranecomputing	Membrane Computing notation	Orellana Martín	337
memdesign	Notes on book design	Wilson, Madsen	538
memexsupp	Experimental memoir support	Madsen	333
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	538
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	505
memo2	A memo document style	McPherson	343
memo209	A memo document style	Roth	419
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	538
MemoirChapterSt...	Chapter styles in memoir class	Madsen	333
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	552
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	458
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	270
mensa-tex	Typeset simple school cafeteria menus	Friedl	220
mentis	A basis for books to be published by Mentis publishers	Verweyen	515
menu	Typesetting menus	Lickert	317



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	219
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	531
MEP article	Class for Mechanical Engineering Publications	Balemi	139
meper	MetaPost editor and previewer	Pan	383
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile integration	Sturm	466
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	342
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
messagebubbles	Display message bubbles as a conversation	Harrer	248
messagepassing	Draw diagrams to represent communication protocols	Vassor	512
meta-mode	Emacs mode for Metafont/post	Vieth	518
metafont-beginners	An introductory tutorial for Metafont	Tobin	494
Metafont	A system for specifying fonts	Knuth	293
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	537
metago	MetaPost output of Go positions	Zheng	552
metainfo	Typeset document outline with metainfo	Sauer	426
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	353
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	199
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	159
metaobj	MetaPost package providing high-level objects	Roegel	415
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	353
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	493
MetaPost examples	Example drawings using MetaPost	Zoonekynd	554
metapost-matlab	MetaPost data plotting in Matlab style	Yang	545
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	486
metastr	Store and compose strings	Beisert	148
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	173
metatype1	Generate Type 1 fonts from MetaPost	JNS team	272
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	226
method	Typeset method and variable declarations	Leineweber, Drucbert	314
metre	Support for the work of classicists	Boggio-Togna	154
metrix	Typeset metric marks for Latin text	Weh	531
metsymb	The package provides dedicated T <sub>E</sub> X commands to generate (vectorial) meteorological symbols	Vogt	??
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	406
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	268
mf-ps	Metafont-PostScript conversions	Jackowski	267
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	545
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	382
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	469
mf2tex	Add labels into drawings created with Metafont	Spalek	454
mfbook	The source of The Metafontbook	Knuth	293
mff-util	Metafont management	Cugley	187
mff	Multiple font formats	Berdnikov, Turtia	150
mfirstuc	Uppercase the first letter of a word	Talbot	475
mflogo-font	Metafont logo font	Knuth, Hoekwater	294
mflogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	518
mflogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	262
mfnfss	Packages to typeset oldgerman and pandora fonts in L <sup>A</sup> T <sub>E</sub> X	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	329
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	336
mftinc	Pretty-print Metafont source	Pakin	382
mftrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	365
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	294
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	305

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	519
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	260
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	529
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	255
mhequ	Multicolumn equations, tags, labels, sub-numbering	Hairer	243
mhs	Historical mathematics	Brix	161
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	333
mi-solns	Extract solutions from exercises and quizzes	Story	463
miam	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	417
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	345
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	436
microtype	Subliminal refinements towards typographical perfection	Schlicht	430
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	295
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	495
Midi2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	306
midnight	A set of useful macro tools	van der Goot	233
midpage	Environment for vertical centring	Robertson, Wilson	413
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	330
miktex-portable	A version of MikTeX to carry around	Schenk	430
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	429
miktex_update	A cygwin bash script for automatic updating and installing new packages of MikTeX	Kleber	287
mil	Samples from Math into L <sup>A</sup> T <sub>E</sub> X	Grätzer	235
mil3	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition	Grätzer	236
miller	Typeset miller indices	Harders, Pedersen	248
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	287
milstd	Generate documents according to MIL STD 490	McPherson	343
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	186
mimetex	Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps	Forkosh	218
mindflow	Write your ideas in a clear way	XU	543
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	411
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	312
minifp	Fixed-point real computations to 8 decimals	Luecking	329
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	171
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	407
minim-math	Extensive maths for LuaTeX	Renkema	407
minim-mp	Low-level mplib integration for LuaTeX	Renkema	407
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	407
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	407
minim	A modern plain format for the LuaTeX engine	Renkema	407
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	489
minimalist	Write your articles or books in a simple and clear way	XU	543
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	443
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	154
minipage-marginpar	Minipages with marginal notes	Ebermann	200
MiniPlot	A package for easy figure arrangement	Wahl	528
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	197
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	240
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	395

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>mintspirit</code>	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	482
<code>minutes</code>	Typeset the minutes of meetings	Lickert	317
<code>mirr</code>	PostScript mirror header (for dvips)	BOP	155
<code>mismath</code>	Miscellaneous mathematical macros	Missier	348
<code>missaali</code>	A late medieval OpenType textura font	Syrjänen	468
<code>mitpress</code>	Typeset documents for MIT Press	Unknown	505
<code>mitthesis</code>	A L <sup>A</sup> T <sub>E</sub> X template for MIT theses	Lienhard	318
<code>mk</code>	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	191
<code>mkbangtex</code>	A preprocessor for BangTeX	Ray	404
<code>mkbib</code>	BibTeX file creator	Banerjee	139
<code>mkjobtexmf</code>	Generate a texmf tree for a particular job	Oberdiek	372
<code>mkpattern</code>	A utility for making hyphenation patterns	Múgica de Rivera	409
<code>mkpic</code>	Perl interface to mfpic	Dekker	191
<code>mkpkfontdir</code>	Manipulate TDS directories for PK fonts	Arrouye	133
<code>mkstmp</code>	Provides a simple workflow for creating custom stamps	Story	463
<code>mla-paper</code>	Proper MLA formatting	Aycock, Wheelwright	138
<code>mla</code>	MLA BibTeX styles	Weissert, Shaw	532
<code>mlacsl</code>	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	397
<code>mlawriter</code>	Write MLA style documents in Plain T <sub>E</sub> X	Wang	529
<code>mlbib</code>	Support for multilingual bibliographies	Matiaske	338
<code>mleftright</code>	Variants of delimiters that act as maths open/close	Oberdiek	372
<code>mlist</code>	Logical markup for lists	Robertson	411
<code>MLMath</code>	Mathematical notation for Machine Learning	Ma	332
<code>MLModern</code>	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	347
<code>mltex-ltx</code>	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	402
<code>mltex</code>	The MLTeX system	Raichle, Ferguson	402
<code>mluexercise</code>	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschaftsrat Mathematik/Informatik Uni Halle	207
<code>mm</code>	A jiffy Multiple Master tool	Goossens, Rahtz	232
<code>mma2ltx</code>	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	226
<code>mmafm</code>	Font metrics for multiple-master font	Kohler	295
<code>mmap</code>	Include CMap resources in PDF files from pdfTeX	Moore	351
<code>mmpfb</code>	Create instance of multiple-master font	Kohler	295
<code>mmtools</code>	Multiple master fonts tools	Kohler	295
<code>mnhyphn</code>	Hyphenation patterns for Mongolian	Batumongke	142
<code>mnotes</code>	Margin annotation for collaborative writing	Luz	331
<code>mnras-plain</code>	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	540
<code>mnras</code>	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube	422
<code>MnSymbol</code>	Mathematical symbol font for Adobe MinionPro	Blumensath	154
<code>mnttex</code>	Tools for the "The Secret History of the Mongols"	Corff	184
<code>modeles-facture...</code>	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	440
<code>moderncv</code>	A modern curriculum vitae class	Danaux, Lachnit	189
<code>modernposter</code>	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	192
<code>moderntimeline</code>	Timelines for use with moderncv	Pinson	394
<code>modes</code>	A collection of Metafont mode_def's	Berry	150
<code>modguide</code>	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	489
<code>modiagram</code>	Drawing molecular orbital diagrams	Niederberger	364
<code>modref</code>	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	143
<code>modroman</code>	Write numbers in lower case roman numerals	Henel	253
<code>modular</code>	Relative section headings for modular documents	Sank	425
<code>modulus</code>	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	232
<code>mol2chemfig</code>	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	383

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	142
monofill	Alignment of plain text	Lück	327
monster	Obsolete name for Frankenstein	Swift	467
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	184
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	443
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerin-Kern	253
moonphase	Font for representing the phases of the moon	Brabec	159
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	467
moreenum	More enumeration options	Bradley	159
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	262
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	305
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	327
moresize	Allows font sizes up to 35.83pt	Cornelissen	185
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	208
morewrites	Always room for a new write stream	Le Floch	216
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	270
morse	Support for printing Morse code signs	Heyl	256
movement-arrows	Drawing movement arrows on linguistic example sentences	Munn	356
movie15	Multimedia inclusion package	Grahn	234
threed	3D animations	Roegel	415
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	500
mparrows	MetaPost module with different types of arrow heads	Jørgensen	274
mpattern	Patterns in MetaPost	Bolek	155
MPchess	Drawing chess boards and positions with MetaPost	Chupin	181
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	254
mpdinbrief	An enhanced version of dinbrief	Pilzecker	393
MPEdit	MetaPost text editor for Win32	Vabishchevich	510
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	347
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	281
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	257
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	148
MPStoEPS	A convertor from MetaPost output to Encapsulated PostScript	Henderson	253
mptrees	Probability trees with MetaPost	Péault	387
mrcheckbib	A BibT <sub>E</sub> X file verification tool	Cagnol	168
mrrecog	Recognise un-escaped command names in maths	Wentworth	532
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	436
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	192
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	224
mslapa	Michael Landy's APA citation style	Landy	309
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	356
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	505
msym	A partial implementation of the old msym10 font	Horn	261
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	318
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	156
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	459
mtgreek	Use italic and upright greek letters with mathtime	Tinnefeld	493
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	455
mucproc	Conference proceedings for the German MuC-conference	Peischl	388
mugstheiss	Thesis class complying with Marquette University Graduate School requirements	Gessler	226

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	505
multenum	Multi-column enumerated lists	Kletzing	289
multiaudience	Several versions of output from the same source	Veytsman	516
multibbl	Multiple bibliographies	Syropoulos	469
multibib	Multiple bibliographies within one document	Hansen	245
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	182
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	279
multicap	Format captions inside multicols	Vassilogiorgakis	512
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	379
multicolrule	Decorative rules between columns	Hagen	243
multidef	Quickly define several similar macros	Markey	336
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	549
multienv	Multiple environments using a “key=value” syntax	Scharrer	428
multiexpand	Variations on the primitive command \expandafter	Le Floch	216
multifootnote	Multiple numbers for the same footnote	XU	543
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	239
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	320
multiobjective	Symbols for multiobjective optimisation etc	Martí	337
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	404
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	378
multitoc	Set table of contents in multiple columns	Schröder, Peischl	436
munich	An alternative authordate bibliography style	Brixner	161
musical	Typeset (musical) theatre scripts	Howell	263
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	173
musictex	Typesetting music with T <sub>E</sub> X	Taupin	477
musikui	Easy creation of “arithmetical restoration” puzzles	Kaneko	276
musixguit	Easy notation for guitar music, in MusiXTeX	Niederberger	364
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	202
musixtex-fonts	Fonts used by MusiXTeX	Tennent, Uchiyama, Taupin	484
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	499
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	483
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	482
musuos	Typeset papers for the department of music, Osnabrück	Weh	531
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	233
mversion	Keeping track of document versions	Schmeing	431
mwcls	Polish-oriented document classes	Woliński	540
mwe	Packages and image files for MWEs	Scharrer	428
mweights	Support for multiple-weight font packages	Tennent	482
mwrite	Write information to files	Creutzig	186
mxd	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	184
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	251
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	364
mycv	A list-driven CV class, allowing TikZ decorations	Gheri	226
myfilist	Configuring the output of the \listfiles command	Lück	327
mylatex	Make a format containing a document’s preamble	Carlisle	170
mylatexformat	Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file	Chervet	178
myletter	An old letter class	Kielhorn	283
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	399



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	350
na-box	Arabic-aware version of pas-cours package	Mohamed	350
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	350
nabatean	Font for Nabatean script	Wilson	537
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	439
nahuatl	Render nahuatl glyphs	Alvarez Zavala	550
naive-ebnf	EBNF in plain text	Bugayenko	164
nameauth	Name authority mechanism for consistency in body text and index	Schaum	429
named	”Named” bibliography style	Patel-Schneider	386
namedef	TeX definitions with named parameters	Oleinik	376
namedtensor	Macros for named tensor notation	Chiang	179
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	375
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	197
namunsrt	An unsorted BibTeX style with labels provided in the database	Unknown	505
nanicolle	Typesetting herbarium specimen labels	Yang	545
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	284
nar	BibTeX style for Nucleic Acid Research	Schneider	434
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	319
natbib	Flexible bibliography support	Daly, Ogawa	188
natded	Typeset natural deduction proofs	Ajalloeian	129
Nath	Natural mathematics notation	Marvan	337
natmove	Move punctuation following a citation	Wright, Arseneau	542
nature	Prepare papers for the journal Nature	Czoschke	187
navigator	PDF features across formats and engines	Isambert	266
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	414
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	346
nbaseprt	Print numbers in non-decimal bases	Harders	247
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	516
nccbbb	”Poor man’s” blackboard bold	Rozhenko	422
nccboxes	Elaborate box commands	Rozhenko	422
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	422
ncccropbox	Crop-marked boxes	Rozhenko	422
ncccropmark	Draw cropmarks on the output page	Rozhenko	422
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	422
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	423
nccfoots	User-generated footnote marks	Rozhenko	423
NCC-LaTeX	An extended general-purpose class	Rozhenko	422
nccmath	Extended mathematics capabilities	Rozhenko	423
nccparskip	Modify skips between paragraphs	Rozhenko	423
nccpic	Extend the graphicx package for more formats	Rozhenko	423
nccrules	Compose dashed lines	Rozhenko	423
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	423
nccstretch	Insert a stretch between each token of a string	Rozhenko	423
nccthm	Another theorem environment	Rozhenko	423
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	423
nChairX	Maths macros from chair X of Würzburg University	Dippell	194
nddiss	Notre Dame Dissertation format class	Vijay, Brower	519
nds-u-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	169
nds-u-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	492
NEdit-LaTeX-Ext...	The L <sup>A</sup> T <sub>E</sub> X-Mode is a set of macros for the NEdit text editor	Fischer	214
needspace	Insert pagebreak if not enough space	Robertson, Wilson	413

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	499
nemocal	Calendar maker	Jeong	272
nestquot	Alternate quotes between double and single with nesting	Hars	249
neufont	New font installation	Lorenz	324
neuralnetwork	Graph-drawing for neural networks	Cowan	186
neuron	BibTeX style for the journal Neuron	Rizzuto	410
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	154
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	210
newapa	Another APA citation mechanism	Spencer, Ryu	454
newcastle-bst	A BibTeX style to format reference lists in the Harvard at Newcastle style	Briggs	161
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	467
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	382
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	497
newenviron	Processing an environment's body	Musa	358
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	413
newfloat	Define new floating environments	Sommerfeldt	453
newinsert	Reworking Plain T <sub>E</sub> X's insert macros	Neumann	362
newl <sub>fm</sub>	Write letters, facsimiles, and memos	Thompson	492
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	215
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	392
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	443
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	229
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	131
newthm	Obsolete version of ntheorem	Schlechte	430
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	443
newtxsf	Sans-math fonts for use with newtx	Sharpe	444
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	444
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	238
newvbtm	Define your own verbatim-like environment	Nakashima	359
newverbs	Define new versions of \verb, including short verb versions	Scharrer	428
nextpage	Generalisations of the page advance commands	Robertson, Wilson	413
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	523
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	405
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	350
ngerman	Support for new German typography	Raichle	402
nicfilelist	Provide \listfiles alignment	Lück	327
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	406
niceframe-type1	Type 1 versions of the fonts not recommended in niceframe	Niepraschk	365
niceframe	Support for fancy frames	Ohlhaut	376
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	384
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	328
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	328
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	270
nih	A class for NIH grant applications	Donald	195
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	334
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	444
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	421
ninecolors	Select colors with proper WCAG color contrast	Lyu	332
NJUrepo	Reports for Nanjing University	Zheng	552
njusthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	552
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	552
njuvisual	Display logos related to Nanjing University	Xiong	543
nkarta	A "new" version of the karta cartographic fonts	Luecking	329

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nl-interval	Represent intervals on the number line	Neves	362
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	261
nlctdoc	Package documentation class	Talbot	475
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	517
nndraw	Draw neural networks	Dias	193
nnext	Extension for the gb4e package	LaCara	307
nnfootnote	"No number" footnotes	Ellison	204
noconflict	Resolve macro name conflict between packages	Hossain	262
nodetree	Visualize node lists in a tree view	Friedrich	221
nofill	Preserve spaces and line breaks when setting text	Unknown	505
nohyph	Norwegian hyphenation	Kleveland, Selberg,	289
		Hufthammer	
nohyphbx	General hyphenation patterns for Norwegian	Kleveland, Selberg	289
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	252
noitcrul	Improved underlines in mathematics	Ebermann	200
nolbreaks	No line breaks in text	Arseneau	134
nomencl	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan,	517
		Netherton, Schandl	
nomentbl	Nomenclature typeset in a longtable	Elmegaard	204
nonfloat	Non-floating table and figure captions	Rascher	403
nonumonpart	Prevent page numbers on part pages	Henel	254
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	170
noprot	Avoid the need for protection	Sozuer	454
norbib	Norwegian bibliography styles	Langmyhr	309
normalcolor	Changing \normalcolor	Kohm	296
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	517
notes	Mark sections of a document	Webb	531
notes2bib	Integrating notes into the bibliography	Wright	541
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	279
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	193
noTeX-bst	A BibTeX style that outputs HTML	Vigna	518
noto-emoji	Noto Emoji fonts	Zeng	551
noto	Support for Noto fonts	Tennent	482
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	134
notoCJKsc	This package provides Noto CJK fonts	Zhou	553
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	482
notomath	Math support for Noto fonts	Sharpe	444
novel	Class for printing fiction, such as novels	Allgeyer	131
noweb	A simple extensible literate programming tool	Ramsey	403
nowidow	Avoid widows	Pinson	394
nox	Adaptable tables	Borck-Elsner, Schöpf	156
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	427
nrc	Class for the NRC technical journals	Fairbairns, Thiele	209
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	465
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Ge- bruikersgroep	360
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	505
ntgclass	"European" versions of standard classes	Eijkhout, Braams	203
nth	Generate English ordinal numbers	Arseneau	134
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	265
ntheorem	Enhanced theorem environment	May, Schedler	340
NTS-L	NTS mailing list digests	Unknown	506
NTS	New Typesetting System	The NTS Project	486
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	291
nuc	Notation for nuclear isotopes	Davis	190

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nucleardata	Provides data about atomic nuclides for documents	Nettles	360
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	337
numberedblock	Print a block of code, with unique index number	Segletes	440
numberpt	Counters spelled out in Portuguese	Frasson	220
numending	Generates morphological end of units	Kirillova	285
numERICA-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	385
numERICA-tables	Create multi-column tables of mathematical functions	Parsloe	385
numERICA	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	385
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	299
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	269
numname	Convert a number to its English expression	Swamidass	466
numNERU	Converts a number to the russian spelled out name	Vit	519
numprint	Print numbers with separators and exponent if necessary	Harders	247
numspell	Spelling cardinal and ordinal numbers	Tómacs	495
Nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	225
nwejm	Support for the journal "North-Western European Journal of Mathematics"	Bitouzé	152
<b>OOOOO</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	537
obas	Web based interface to a bibliographical database	van Heerden	250
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	372
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	401
obnov	Obyknovennaya Novaya fonts	Solomykov	453
obsolete	A tree holding obsolete software	Unknown	506
oca	OCR A font	Wales	528
occam	Strip unnecessary macros from a file	Siebenmann	447
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	533
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	336
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	223
ocgx2	Drop-in replacement for 'ocgx' and 'ocg-p'	Grahn	234
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	290
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	469
ocr-a	Fonts for OCR-A	Wales, Lillqvist	528
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	528
ocr-b	Fonts for OCR-B	Schwarz	439
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	274
octave	Typeset musical pitches with octave designations	Cashner	173
octavo	Typeset books following classical design and layout	Revets	407
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	259
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	138
ofntinst	Install Type 1 for use with Omega	Kryukov	303
ofs	Macros for managing large font collections	Olšák	377
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	458
ogonek	Support for Polish typography and the ogonek	Bień	152
oinuit	L <sup>A</sup> T <sub>E</sub> X Support for the Inuktitut Language	Syropoulos	469
okuda	Fonts for Klingon	Kummer, Shoulson	305
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	196
old-faq-en	An early FAQ in English	Bodenheimer	154
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	343
oldlatin	Compute Modern-like font with long s	Terashita	484
oldprsn	Fonts old Persian cuneiform script	Wilson	537
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	303

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	208
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	496
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	377
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	246
12many	Generalising mathematical index sets	Schwarz	439
OneDown	Typeset Bridge Diagrams	Wiersma	534
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	393
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using ams-math	Harders	247
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	340
oops	A framework for making definitions, typically mathematical, inline	Rogard	416
opacity-pro	Set transparency and blend mode	Story	463
opcit	Footnote-style bibliographical references	Garcia-De Castro	173
opencolor	Definitions from the Open Color library	Piazzai	390
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	351
oPlotSymb1	Some symbols which are not easily available	Döhring	194
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	202
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	377
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	249
optidef	Environments for writing optimization problems	Lago Garcia	224
optional	Facilitate optional printing of parts of a document	Arseneau	134
options	Provides convenient key-value options for L <sup>A</sup> T <sub>E</sub> X package writers	Leijen	314
optparams	Macros with multiple optional parameters	Sauer	426
orcidlink	Insert hyperlinked ORCID logo	Stein	459
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	447
orderrefs	Sort bibliography in L <sup>A</sup> T <sub>E</sub> X document by order of citation	Collins	183
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	220
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	398
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	347
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	252
orkhun	A font for orkhun script	Rakhimov	402
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	289
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	378
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	458
OSDA	Commands for Proceedings of the Workshop on Open-Source Design Automation	Krieg	301
osmanian	Osmanian font for writing Somali	Stanier	458
oststud	Templates for the student organization at OST FH, Switzerland	Pross	398
Oswald	The Oswald family of fonts with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	201
ot-tableau	Optimality Theory tableaux in L <sup>A</sup> T <sub>E</sub> X	Baker	138
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	401
OT2Woff	OpenType to Woff converter	Frane Jr	275
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	380
otftofd	Generate control files for OpenType fonts	Washburn	530
othello	Modification of a Go package to create othello boards	le Comte	184
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	244
oubraces	Braces over and under a formula	Arseneau	135
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	273
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	213
OutilsGeomTikZ	Some geometric tools, with TikZ	Pierquet	391
outline	List environment for making outlines	Halvorson, Flaxman	244



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
outliner	Change section levels easily	Eijkhout	203
outlines	Produce "outline" lists	Pecheur	387
outlining	Create outlines for scientific documents	Block	153
oval	Round-cornered framed boxes	Schalück	427
ovalfbox	Boxes with frames whose corners are rounded	Unknown	506
overarrows	Custom extensible arrows over math expressions	Labbé	307
overcite	Compressed lists of superscript numerical citations	Arseneau	135
overlays	Incremental slides	Nolda	367
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	365
overrightarrow	Doubled "over" arrow	Kilfiger	283
overword	Parse text	Bennett	149
oxford	A BibTeX style geared for use in the humanities	Antman	132
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	324
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	345
oztex	TeX for the Macintosh	Trevorrow	496
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	537
padauk	A high-quality TrueType font that supports the many diverse lan- guages that use the Myanmar script	Tennent	482
padcount	Pad numbers with arbitrary characters	Goodman	232
pagecolor	Interrogate page color	Münch	355
pagecont	Page numbering that continues between documents	Frasson	220
pagedraw	Drawing program with EPS output	Karunakaran	278
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	429
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	451
pagegrid	Print page grid in background	Oberdiek	372
pagelayout	Layout graphic rich documents	Bartels	141
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	523
pageno	Page number-only page styles	McDonnell	341
pagenote	Notes at end of document	Robertson, Wilson	413
pagerange	Flexible and configurable page range typesetting	Musa	358
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	500
pagesel	Select pages of a document for output	Oberdiek	372
pageslts	Variants of last page labels	Münch	355
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	401
palette	Create palettes for colors and symbols that can be swapped in	Chen	176
palladam	A Tamil font for Macintosh users	Govindaraj	234
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	274
pandora-type1	The Pandora font family	McPhee, Billawalla	343
pandora	The Pandora font family	Billawalla	152
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	551
panneauxroute	Commands to display French road signs (vector graphics)	Pierquet	391
paper	Versions of article class, tuned for scholarly publications	Matiaske	338
papercdcase	Origami-style folding paper CD case	Dussa	200
papermas	Compute the mass of a printed version of a document	Münch	355
papertex	Class for newspapers, etc	Llopis	320
paracol	Multiple columns with texts "in parallel"	Nakashima	359
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	385
paragraphs	Paragraph "tricks" macros	Unknown	506
paralist	Enumerate and itemize within paragraphs	Schandl	427
parallel	Typeset parallel texts	Eckermann	201
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	210
parboxx	Two extra alignment options for \parbox	Knappen	291
parcolumns	Multiple column parallel typesetting	Sauer	426

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
paresse	Define simple macros for greek letters	Henel	254
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	281
parnotes	Notes after every paragraph (or elsewhere)	Hughes	264
parrun	Typesets (two) streams of text running parallel	Dominici	195
parsa	A $\text{\LaTeX}$ package for theses and dissertations at Iranian Universities	Rasuli	403
parselines	Apply a macro to each line of an environment	Chervet	178
parsianfonts	Some of the most used fonts among Persian language users	Kazemi	279
parsitex	A localized Persian and bidirectional extension of $\text{\TeX}$	Khalighi, bidi-tex GitHub Organisation	282
parskip	Layout with zero $\backslash$ parindent, non-zero $\backslash$ parskip	Fairbairns, Partl, Mittelbach	208
pas-cours	Macros useful in preparing teaching material	Pasquet	386
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	386
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	386
pas-tableur	Create a spreadsheet layout	Pasquet	386
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	225
passivetex	Support package for XML/SGML typesetting	Rahtz	401
patch	Patch loaded packages, etc.	Kastrup	278
patchcmd	Change the definition of an existing command	Downes	196
patgen	Generate hyphenation patterns	Liang, Breitenlohner, $\text{\TeX}$ Live, Rokicki	317
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	246
path	Typeset paths, making them breakable	Taylor	478
pauldoc	German $\text{\LaTeX}$ package documentation	Ebermann	201
pawpict	Using graphics from PAW	Holm Christensen	180
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	375
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	165
pbalance	Balance last page in two-column mode	Lago	308
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese $\text{\TeX}$ Team	333
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese $\text{\TeX}$ Team	270
pbm2tex	Translate PBM format to $\text{\LaTeX}$	Barth	141
pbmtogf	Convert PBM images to GF font files	Wong	540
PBMtoPK	Conversion between PBM and PK formats	Duggan	199
pbox	A variable-width $\backslash$ parbox command	Law	311
pbsheet	Problem sheet class	Chafaï	175
pcarl	$\text{\LaTeX}$ Support for Adobe Caslon Open Face	Veytsman	517
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	396
pcinfss	Font support for current PCL printers	Harcke	246
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	149
pdcmac	Damian Cugley's document tools	Cugley	187
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	301
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	243
pdf-trans	A set of macros for various transformations of $\text{\TeX}$ boxes	Jackowski	269
pdf14	Restore PDF 1.4 to a $\text{\TeX}$ live 2010 format	Pégourié-Gonnard	388
pdfarticle	Class for pdf publications	Paciorek	380
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	204
pdfbook2	Create booklets from PDF files	Neumann	362
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	372
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	373
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	373
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	373
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	373
pdfcomment	A user-friendly interface to pdf annotations	Kleber	287
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	437

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdfcrop	Crop PDF graphics	Oberdiek	373
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	373
pdfescape	Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX	Oberdiek	373
pdfextra	Extra PDF features for (Op)TeX	Vlasák	519
pdfjam	Shell scripts interfacing to pdfpages	Firth, Thomas	214
pdfplatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	535
pdfscape	Make landscape pages display as landscape	Oberdiek	373
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	489
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	211
pdfmsym	PDF Math Symbols — various drawn mathematical symbols	Unknown	506
pdfoverlay	A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF	Purton	398
pdfpagediff	Find difference between two PDF's	Radhakrishnan	400
pdfpages	Include PDF documents in L <sup>A</sup> T <sub>E</sub> X	Matthias	339
pdfpc-movie	Pdfpc viewer-compatible hyperlinks to movies	Friedl	220
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	457
pdfprivacy	A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data	Sion	449
PDFrack	Use psfrag with pdfLaTeX	Boyer	158
pdfrender	Control rendering parameters	Oberdiek	373
pdfreview	Annotate PDF files with margin notes	Palmer	383
pdfscreen	Support screen-based document design	Radhakrishnan	400
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	400
pdfsync	Provide links between source and PDF	Laurens	311
pdftex-def	Colour and Graphics support for pdfTeX	Carlisle, Rahtz, Hagen, Schröder, Oberdiek	172
pdftex-djgpp	An msdos-djgpp binary of the pdfTeX engine	Rivera	409
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	283
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	300
pdftex	A T <sub>E</sub> X extension for direct creation of PDF	Thành, The pdfTeX Team, T <sub>E</sub> XLive	484
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	373
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	400
pdftricks2	Use PSTricks in pdfTeX	Reibiger	405
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	400
pdfxup	Create n-up PDF pages with minimal margins	Markey	336
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	269
pedigree-perl	Generate T <sub>E</sub> X pedigree files from CSV files	Veytsman, Akhmadeeva	517
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> T <sub>E</sub> X users	Ewasiuk	207
penlightplus	Additions to the Penlight Lua libraries	Ewasiuk	207
penrose	A TikZ library for producing Penrose tilings	Stacey	457
perception	BibTeX style for the journal Perception	Singer	449
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	356
perltext	Define L <sup>A</sup> T <sub>E</sub> X macros in terms of Perl code	Pakin	382
permute	Support for symmetric groups	Heinz	251
perpage	Make a counter reset at every page boundary	Kastrup	278
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	131
petiteannonce	A class for small advertisements	Belaïche	148
Petri-nets	A set T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X packages for drawing Petri nets	Pommereau	395
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	155
pfarrei	L <sup>A</sup> T <sub>E</sub> X support of pastors' and priests' work	Kohm	297
pficons	Draw process flow diagrams in chemical engineering	Drews	197
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	309
pfnote	Number footnotes per page	Nakashima	359
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	397

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	398
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	531
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	231
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	486
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	191
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	231
pgf-umlcd	Some L <sup>A</sup> T <sub>E</sub> X macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	548
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	487
pgf	Create PostScript and PDF graphics in T <sub>E</sub> X	The PGF/TikZ Team, Tantau, Feuersänger, Menke	486
pgfgantt	Draw Gantt charts with TikZ	Skala	450
pgfkeys	Key value control for PGF	Tantau	477
pgfkeyx	Extended and more robust version of pgfkeys	Musa	358
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	456
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	450
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	457
pgfopts	L <sup>A</sup> T <sub>E</sub> X package options with pgfkeys	Wright	541
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	318
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	339
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	211
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	212
pgothic	Fonts based on the Gothic Textura Presciscus manuscript book-hand	Wilson	537
phaistos	Disk of Phaistos font	Syropoulos	469
phfcc	Convenient inline commenting in collaborative documents	Faist	209
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	209
phffullpagefigure	Figures which fill up a whole page	Faist	209
phfnote	Basic formatting for short documents	Faist	209
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	209
phfquit	Macros for typesetting Quantum Information Theory	Faist	209
phquotetext	Quote verbatim text without white space formatting	Faist	209
phfsvnwatermark	Watermarks with version control information from SVN	Faist	209
phfthm	Goodies for theorems and proofs	Faist	209
philex	Cross references for named and numbered environments	Pagin	380
philokaliala	A font to typeset the Philokaliala Books	Syropoulos, Gamvetas	470
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	517
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	537
phoncard	Format telephone number lists	Greening	237
phonenumber	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	532
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	387
phonrule	Typeset linear phonological rules	Coretta	184
photo	A float environment for photographs	Kuhlmann	304
photobook	A document class for typesetting photo books	Naanou	359
phy-bstyles	A collection of BibTeX styles for physics journals	Karney, Bode	277
physconst	Macros for commonly used physical constants	Mulligan	354
physe	The PHYSE format	Breitenlohner	160
physics	Macros supporting the Mathematics of Physics	de la Barrera	140
physics2	Macros for typesetting maths faster and more simply	Zhang	551
physunits	Macros for commonly used physical units	Mulligan	354
physymb	Assorted macros for Physicists	Zaslavsky	550
physzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	277
pi	Calculate pi	Roegel	415
piano	Typeset a basic 2-octave piano diagram	Daneault	189
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	454
picins	Insert pictures into paragraphs	Bleser	153

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
picmac	A picture mode in Plain $\TeX$	Knuth	293
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	224
pictex-autoarea	Automatic computation of bounding boxes with PiCTeX	Lück	328
PicTeX	Picture drawing macros for $\TeX$ and $\LaTeX$	Wichura	534
pictex2	Adds relative coordinates and improves the <code>\plot</code> command	Park	385
PicTeXsum	A summary of PicTeX commands	Duggan	199
pictexwd	A patched version of PicTeX using fewer registers	Schrell	435
picture	Dimens for picture macros	Oberdiek	373
piechart	Simple pie-charts with PSTricks	Girou	228
piechartmp	Draw pie-charts using MetaPost	Morawski	352
piff-ams	Early macros for using AMS fonts	Piff	392
piff	Macro tools by Mike Piff	Piff, Carlisle	392
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, $\LaTeX$ Team, Rahtz	433
pigpen	A font for the pigpen (or masonic) cipher	Corff	184
pinlabel	A $\TeX$ labelling package	Rourke	421
pinouTikZ	Draw chip pinouts with TikZ	Blazek	153
pitex	Documentation macros	Isambert, Robbers	266
piton	Typeset Python listings with LPEG	Pantigny	384
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	174
pitthesis	Document class for University of Pittsburgh theses	Kim	284
pixelart	Draw pixel-art pictures	Paternault	386
PixelArtTikz	Work with PixelArts, with TikZ	Pierquet	391
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	529
pkfind	A ‘find’ command which understands pk files	Vojta	520
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	382
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	373
pkgcheck	CTAN package checker	Lotz	325
pkgloader	Manage the options and loading order of other packages	Helvensteijn	252
pkuthss	$\LaTeX$ template for dissertations in Peking University	Vector	513
pkware	Utility programs for use with PK bitmap fonts	Rokicki, $\TeX$ Live	417
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	268
pl	Literate Programming for Prolog with $\LaTeX$	Neugebauer	361
placeat	Absolute content positioning	Trautmann	496
placeins-plain	Insertions that keep their place	Arseneau	135
placeins	Control float placement	Arseneau	135
plain-cm	Variable sized fonts in Plain $\TeX$	Brotsky, Horn	162
plain-ltx	Make plain $\TeX$ files $\LaTeX$ able	Carlisle	170
plain	The Plain $\TeX$ format	Knuth	293
plainmisc	Miscellaneous contributed macros for plain $\TeX$	Unknown	506
plainpkg	A minimal method for making generic packages	Lück	328
plainyr	Plain bibliography style, sorted by year first	Perrone	389
plantslabels	Write labels for plants	Merciadri	344
plantuml	Support for rendering UML diagrams using PlantUML	Kopp	299
plari	Typesetting stageplay scripts	Kaijanaho	276
plates	Arrange for “plates” sections of documents	Tanbakuchi	477
platex-tools	p $\LaTeX$ standard tools bundle	Yamashita	544
platex	p $\LaTeX$ 2e and miscellaneous macros for p $\TeX$	Maeda, Japanese $\TeX$ Team	333
platexcheat	A $\LaTeX$ cheat sheet, in Japanese	Asakura	136
plautopatch	Automated patches for p $\LaTeX$ /up $\LaTeX$	Yamashita	544
play-font	The Play font face with support for $\LaTeX$ and pdf $\LaTeX$	Ebinger	201
play	Typeset drama using $\LaTeX$	Kilfiger	284
playcards	A simple template for drawing playcards	Pages	380
playfair	Playfair Display fonts with $\LaTeX$ support	Tennent	482
plcalendar	Plain macros for making nice calendars	Unknown	506



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
plex-otf	Support for the OpenType font IBM Plex	Voß	523
plex	Support for IBM Plex fonts	Tennent	482
plfonts	Polish extension to Computer Modern fonts	Unknown	506
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	299
plimsoll	Fonts with the Plimsoll symbol and L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	274
plipsum	'Lorem ipsum' for Plain T <sub>E</sub> X developers	Spina	454
plnfss	Font selection for Plain T <sub>E</sub> X	Thành, Konecny, Kotucha	484
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	368
plstmary	St. Mary's Road font support for plain T <sub>E</sub> X	Luecking	329
pm-isomath	Poor man ISO math for pdfL <sup>A</sup> T <sub>E</sub> X users	Beccari	145
pmat	Typeset partitioned matrices	Oliveira e Silva	449
pmboxdraw	Poor man's box drawing characters	Oberdiek	373
pmcstex	L <sup>A</sup> T <sub>E</sub> X in emTeX IDE/FrontEnd for EPM	Mikulik	346
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	463
pmdbl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	398
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	149
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	284
pmtex	Preprocessor for MusicT <sub>E</sub> X	Simons	449
pmx	Preprocessor for MusiX <sub>T</sub> E <sub>X</sub>	Simons, Tennent	449
pmxchords	Produce chord information to go with pmx output	Fafejta	207
PNAS	BibT <sub>E</sub> X style for PNAS (old version)	Rogers	416
PNAS 2009	BibT <sub>E</sub> X style for PNAS (newer version)	Rogers	416
png2pdf	PNG to PDF converter	Krause	301
poemscot	Typesetting Critical Editions of Poetry	Burt	167
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	258
poetry	Facilities for typesetting poetry and poetical structure	Goodman	232
poetrytex	Typeset anthologies of poetry	Whited	534
pointruler	12" Ruler containing Points and Inches	Henderson	253
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
polexpr	A parser for polynomial expressions	Burnol	166
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	368
poliski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	377
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	267
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, Spitzmüller	175
polynom	Macros for manipulating polynomials	Heinz, Adriaens	251
polynomial	Typeset (univariate) polynomials	Höst	263
polytable	Tabular-like environments with named columns	Löh	320
poorman	Raster Chinese and Japanese fonts	Ridgeway	408
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	166
popupmenu	Create popup menus in PDF files	Story	463
Portable MikT <sub>E</sub> X	Instructions for setting up MikT <sub>E</sub> X on a portable device	Grahn	234
portland	Simple portrait/landscape switching	Partl	385
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	260
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	406
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	286
poster-mac	Make posters and banners with T <sub>E</sub> X	Van Zandt	549
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	203
postit	A L <sup>A</sup> T <sub>E</sub> X package for displaying Post-it notes	Pierquet	391
postnotes	Endnotes for L <sup>A</sup> T <sub>E</sub> X	Barros	140
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	523
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	317
powerdot	A presentation class	Adriaens, Ellison	129

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ppchtex	Typeset chemical formula diagrams	Hagen	243
pphilp	Generate VMS help files from L <sup>A</sup> T <sub>E</sub> X 2.09 source	Gray	236
ppower4	A postprocessor for PDF presentations	Guntermann	241
ppr-prv	Prosper preview	Goutelle	234
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	165
pracjourn	Typeset articles for PracTeX	Robertson	411
practical-latex	Example files for “Practical L <sup>A</sup> T <sub>E</sub> X”	Grätzer	236
practicalreports	Some macros for writing practical reports	Cawood	174
precattl	Prepare special catcodes from token list	user202729	510
prelim	Mark preliminary copies with a line of information	Tolksdorf	494
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	436
prepr	Preprint macros	Calvani	168
preprint	A bundle of packages provided “as is”	Daly	188
prerex	Interactive editor and macro support for prerequisite charts	Tennent	482
present	Presentations with Plain T <sub>E</sub> X	Meister	344
presentations-en	Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X	Voß	523
presentations	Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X	Voß	523
pressrelease	A class for typesetting press releases	Talbot	475
prettyref	Make label references “self-identify”	Ruland	424
prettytok	Pretty-print token lists	user202729	510
preview-latex	Preview equations in Emacs	Kastrup	278
preview	Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output	Kastrup, The AUCTeX Team	278
prftree	Macros for building proof trees	Benini	149
principia	Notations for typesetting the “Principia Mathematica”	Elkind	204
printbib	Print the contents of a bibliography	Unknown	506
printlen	Print lengths using specified units	Robertson, Wilson, Harders	414
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	362
probsoln	Generate problem sheets and their solution sheets	Talbot	475
proc	Class for producing “proceedings”	L <sup>A</sup> T <sub>E</sub> X Team	490
processkv	Process key-value pairs	Sauer	426
procIAGssymp	Macros for IAG symposium papers	Benciolini	148
prodint	A font that provides the product integral symbol	Gill, Loredó-Osti	228
productbox	Typeset a three-dimensional product box	Neugebauer	361
ProfCollege	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college	Poulain	396
proflabo	Draw laboratory equipment	Mounier	353
ProfLycee	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school	Pierquet	391
profmaquette	Use exercises in different types of documents	Poulain	396
profsio	Commands (with TikZ) to work with French “BTS SIO” maths themes	Pierquet	391
progkeys	Typeset programs, recognising keywords	Alabau	129
program	Typesetting programs and algorithms	Ward	530
progress	Creates an overview of a document’s state	Graversen	236
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	272
ProjLib	A series of tools to simplify your workflow	XU	544
proof-at-the-end	A package to move proofs to appendix	Colisson	183
proof	Shell based proofing for T <sub>E</sub> X-related files	Bosau	156
proofread	Commands for inserting annotations	Dekker	191
proofs	Macros for building proof trees	Taylor	477
prooftrees	Forest-based proof trees (symbolic logic)	Rees	405
properties	Load properties from a file	Niedermair	364
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	295
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goualard	233
protecteddef	Define protected commands	Oberdiek	373
protex	Literate programming package	The TeX4ht Team, Gurari	484
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	212

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
protocol	A class for minutes of meetings	Leineweber	314
protosem	Fonts for proto-Semitic cuneiform script	Wilson	537
prtec	A template for PRTEC conference papers	Lienhard	318
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	191
przechlewski-book	Examples from Przechlewski's L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	398
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	153
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	513
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	499
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	360
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	360
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	365
ps_conv	A converter from PostScript to Encapsulated PostScript	BOP	155
ps_view	A PostScript previewer of PostScript files	BOP	155
psbao	Draw Bao diagrams	Vessella	515
psbox	PostScript box macros, etc	Orloff	379
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	334
pseudo	Straightforward pseudocode	Hetland	256
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	301
psfig	A graphics inclusion package	Darrell	189
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	195
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	286
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	402
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	506
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	179
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	235
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	174
psfragx	A psfrag eXtension	Kockaert	295
psgo	Typeset go diagrams with PSTricks	Bos	156
psgreek	L <sup>A</sup> T <sub>E</sub> X support for Greek Type 1 fonts	Kryukov, Justen	303
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	376
pslatex	Use PostScript fonts by default	Carlisle	170
psmerge	Concatenate PostScript files	Duggan	199
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	432
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	433
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	506
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	401
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	261
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	433
pspic	Drawing pictures using PostScript specials	Thorup	493
pspicture	PostScript picture support	Carlisle	170
psrip	Extract images from PostScript files	Lackas	307
psplit	Select pages from PostScript files	Kleiweg	289
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	191
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	550
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	523
pst-abspos	Put objects at an absolute position	Voß	523
pst-am	Simulation of modulation and demodulation	Luque, Voß	330
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	526
pst-arrow	Special arrows for PSTricks	Voß	523
pst-asr	Typeset autosegmental representations for linguists	Frampton	219
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	409
pst-barcode	Print barcodes using PostScript	Burton, Voß	167
pst-bezier	Draw Bezier curves	Nähring, Voß	359
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	444
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	523
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	331
pst-cie	CIE color space	Luque, Voß	331
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	525
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	526
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	330
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	330
pst-dart	Plotting dart boards	Voß	524
pst-dbicons	Support for drawing ER diagrams	May	340
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	331
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	228
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	526
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	277
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	415
pst-exa	Typeset PSTricks examples, with code	Voß	524
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	524
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	228
pst-fit	Macros for curve fitting	Ledger, Voß	312
PST-Flags	Draw flags of countries using PSTricks	Manthanwar	335
pst-fp	Fixed-point arithmetic in PSTricks	Voß	524
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	228
pst-fractal	Draw fractal sets using PSTricks	Voß	524
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	331
pst-func	PSTricks package for plotting mathematical functions	Voß	524
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	228
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	330
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	453
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	229
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	526
pst-graphicx	A PSTricks-compatible graphicx for use with Plain T <sub>E</sub> X	Voß	524
pst-hsb	Curves with continuous colours	Voß	524
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	274
pst-intersect	Compute intersections of arbitrary curves	Bersch	151
pst-Jtree	Typeset complex trees for linguists	Frampton	219
pst-knot	PSTricks package for displaying knots	Voß	524
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	228
pst-layout	Page layout macros based on PSTricks packages	Sharpe	444
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	330
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	228
pst-lsystem	Create images based on a L-system	Voß	524
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	228
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	228
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	275
pst-mirror	Images on a spherical mirror	Luque, Voß	331
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	228
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	549
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	229
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	234
pst-optexp	Drawing optical experimental setups	Bersch	151
pst-optic	Drawing optics diagrams	Luque, Voß	331
pst-osci	Oscgons with PSTricks	Luque, Jorssen	330
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	550

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	197
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	366
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	517
pst-perspective	Draw perspective views using PSTricks	Söll	452
pst-platon	Platonic solids in PSTricks	Luque, Voß	331
pst-plot	Plot data using PSTricks	Van Zandt, Voß	550
pst-poker	Drawing poker cards	Voß	524
pst-poly	Polygons with PSTricks	Girou, Voß	229
pst-pulley	Plot pulleys, using PSTricks	Söll	452
pst-qtree	Simple syntax for trees	Chiang, Gildea	179
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	453
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	331
pst-shell	Plotting sea shells	Voß, Luque	526
pst-sigsys	Support of signal processing-related disciplines	Delgosha	191
pst-sipe	Sophisticated colour gradients	Giese, Voß	227
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	331
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmit-tbuhl, Voß	518
pst-soroban	Draw a Soroban using PSTricks	Delmotte	191
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	433
pst-spinner	Drawing a fidget spinner	Voß, Luque	526
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	331
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	337
pst-support	Assorted support files for use with PSTricks	Voß	524
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	526
pst-thick	Drawing very thick lines and curves	Luque, Voß	331
pst-tools	PSTricks support functions	Voß	524
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	525
pst-turtle	Commands for “turtle operations”	Voß	524
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	550
pst-uml	UML diagrams with PSTricks	Diamantini	193
pst-vectorian	Printing ornaments	Fradin	219
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	453
pst-venn	A PSTricks package for drawing Venn sets	Voß	524
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	356
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	331
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	128
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	526
pstdoc	A tool for PSTricks documentation	Sharpe	444
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	264
pstoedit	Translate PostScript and PDF to other formats	Glunz	229
pstool	Support for psfrag within pdfLaTeX	Robertson, Prime	411
pstotext	Extract ASCII from PostScript and PDF	Birrell, McJones	152
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	460
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	526
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	525
pstricks-calcnates	Use of PSTricks in calculus lecture notes	Quan	399
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	525
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	525
pstricks-examples	PSTricks examples	Voß	524
pstring	Typeset sequences with justification pointers	Blum	153
psu-thesis	Package for writing a thesis at Penn State University	Floros	216
psutils	PostScript utilities	Duggan	199
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	270



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	270
ptex-fonts	Fonts for use with pT <sub>E</sub> X	Japanese T <sub>E</sub> X Team, Maeda	270
ptex-manual	Japanese pT <sub>E</sub> X manual	Japanese T <sub>E</sub> X Team	270
ptex-texmf	Macro and other extensions for use with P <sub>T</sub> E <sub>X</sub>	Japanese T <sub>E</sub> X Team	270
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	270
ptex2pdf	Convert Japanese T <sub>E</sub> X documents to PDF	Japanese T <sub>E</sub> X Team	270
ptext	A ‘lipsum’ for Persian	Damanafshan	189
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	408
ptl <sub>at</sub> excommands	L <sup>A</sup> T <sub>E</sub> X to commands in Portuguese	Pereira de Moraes Junior	352
ptmsc	Addon to the newtx package	Sharpe	444
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	548
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	495
ptsans	PT Sans font and L <sup>A</sup> T <sub>E</sub> X support	Farar	210
ptserif	PT Serif font and L <sup>A</sup> T <sub>E</sub> X support	Farar	210
Punk-L <sub>A</sub> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X support for punk fonts	Jørgensen	274
punk	Donald Knuth’s punk font	Knuth, Grover	294
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	262
purifyeps	Make EPS work with both L <sup>A</sup> T <sub>E</sub> X/dvips and pdfL <sub>A</sub> T <sub>E</sub> X	Pakin	382
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	379
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	430
PWT	An outline of publishing with T <sub>E</sub> X	van der Laan	307
pxbase	Tools for use with (u)pL <sub>A</sub> T <sub>E</sub> X	Yato	547
pxchfon	Japanese font setup for pL <sup>A</sup> T <sub>E</sub> X and upL <sub>A</sub> T <sub>E</sub> X	Yato	547
pxcjkcat	L <sup>A</sup> T <sub>E</sub> X interface for the CJK category codes of upT <sub>E</sub> X	Yato	547
pxfonts	Palatino-like fonts in support of mathematics	Ryu	424
pxgreek	Shape selection for PX fonts Greek letters	Burnol	166
pxjahyper	Hyperref support for pL <sub>A</sub> T <sub>E</sub> X	Yato	547
pxjodel	Help change metrics of fonts from japanese-otf	Yato	547
pxpgfmark	e-pT <sub>E</sub> X driver for PGF inter-picture connections	Yato	547
pxpic	Draw pixel pictures	Spratte	456
pxrubrica	Ruby annotations according to JIS X 4051	Yato	547
pxtatescale	Patch to graphics driver for scaling in vertical direction of pT <sub>E</sub> X	Yamashita	545
pxtxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	444
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	547
pybib	Command line utilities to check, sort, merge BibT <sub>E</sub> X files	Corke	185
pybliographer	A tool for managing bibliographic databases	Gobry	230
pydocstrip	Scripted version of L <sup>A</sup> T <sub>E</sub> X docstrip	Huynh	265
pygmentex	Use Pygments to format code listings in documents	Malaquias	335
PyLuaT <sub>E</sub> X	Execute Python code on the fly in your L <sup>A</sup> T <sub>E</sub> X documents	Enderle	205
python	Embed Python code in L <sup>A</sup> T <sub>E</sub> X	Ehmsen	202
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	513
pythonimmediate	Library to run Python code	user202729	510
pythontex	Run Python from within a document, typesetting the results	Poore	395
pzc <sub>cal</sub>	Zapf Chancery as calligraphic math alphabet	Milde	346
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	230
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	200
QCM	A L <sup>A</sup> T <sub>E</sub> X2e class for making multiple choice questionnaires	Verna	514
qdtexvpl	Quick and dirty virtual font creation	Mattes	338
qed	Produce an “end-of-proof” mark	Taylor	478
qfig	DOS graphics program	Ofosu-Amaah	376
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	272

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
qm	Commands for bras and kets and the like	Christlieb	180
qms	VMS tools for controlling QMS printers	Unknown	506
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	450
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	388
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	253
qrcstamps	Create QR codes using stamps	Story	464
qsharp	Syntax highlighting for the Q# language	Granade	234
qstest	Bundle for unit tests and pattern matching	Kastrup	278
qsymbols	Maths symbol abbreviations	Rose	418
qtree	Draw tree structures	Dimitriadis, Siskind	194
qualitytype	The QualiType font collection	Miller	347
quantikz	Draw quantum circuit diagrams	Kay	279
quantumarticle	Document class for submissions to the Quantum journal	Quantum – the open journal for quantum science, Meyer, Gogolin	399
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
quickreaction	A simple and fast way to typeset chemical reactions	Lambertini	308
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	346
quiver	Draw commutative diagrams exported from <a href="https://q.uiver.app">https://q.uiver.app</a>	Unknown	506
quiz2socrative	Prepare questions for socrative quizzes	Lella	315
quizztex	Create quizzes like in TV shows	Pierquet	391
quotation	Typeset an attributed quotation	Unknown	506
quotchap	Decorative chapter headings	Klever, Tinnefeld	290
quote	Match pairs of double-quote characters	Goatley	229
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	157
quoting	Consolidated environment for displayed text	Titz	494
quotmark	Consistent quote marks	Talbot	475
quran-bn	Bengali translations to the quran package	Razavian	404
quran-de	German translations to the quran package	Razavian	404
quran-ur	Urdu translations to the quran package	Razavian	404
quran	An easy way to typeset any part of The Holy Quran	Razavian	404
qyxf-book	Book Template for Qian Yuan Xue Fu	You	548
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	367
r2bib	Convert refer and EndNote files to BibTeX	Mathar	338
ragged	Generic ragged left and ragged right options	Siebenmann	447
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	437
raggedr	Set an entire document raggedright	Kilfiger	284
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	418
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	318
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	259
ran_toks	Randomise token strings	Story	464
randbild	Marginal pictures	Ebermann	201
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	135
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	176
randomwalk	Random walks using TikZ	Le Floch	216
randtext	Randomise the order of characters in strings	Duan	198
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	192
rangen	Generate random integers, rational and decimal numbers	Story	464
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	342
ransom	A “very bad typewriter” font	Knuth	293
ratex	A package for German lawyers	Vosberg	521
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	261
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	271

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rawprint	Print raw Russian text	Veytsman	517
rbt-mathnotes	Rebecca Turner's personal macros and styles for typesetting mathematics notes	Turner	499
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	242
rct-multi	Typeset RCS version control in multiple-file documents	Scharrer	428
rct-pln	RCS data in Plain $\TeX$ documents	Rose	418
rct	Use RCS (revision control system) tags in $\LaTeX$ documents	Schrod, Gilbey	436
rctinfo	Support for the revision control system	Vollmer	520
ReadableCV	A highly readable and good looking CV and letter class	Stone	460
readarray	Read, store and recall array-formatted data	Segletes	440
readprov	Provides GetFileInfo without the need to load the file	Lück	328
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	429
realcalc	Macros for real arithmetic calculations	Buchholz	163
realhats	Put real hats on symbols instead of $\wedge$	Scroggs, Townsend	439
realscripts	Access OpenType subscript and superscript glyphs	Robertson	411
realtranspose	The "real" way to transpose a Matrix	Quentin	399
rec-thy	Commands to typeset recursion theory papers	Gerdes	225
recipe	A $\LaTeX$ class to typeset recipes	Loreti	325
recipebook	Typeset 5.5" x 8" recipes for browsing or printing	Granger	235
recipecard	Typeset recipes in note-card-sized boxes	Reish	406
recorder-fingering	Package to display recorder fingering diagrams	Munn	356
rectopma	Recycle top matter	Benciolini	149
recycle	A font providing the "recyclable" logo	Green, Pakin	237
redefine	Conditional macro, etc., definitions	Unknown	506
redis	A Hebrew font	Goldberg	230
REdit	Menu-based editor	Rogalla	415
refcheck	Check references (in figures, table, equations, etc)	Motygin	353
refcount	Counter operations with label references	Oberdiek	373
refenums	Define named items and provide back-references with that name	Kopp	299
refer-tools	Convert between refer format and BibTeX format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzke	336
refer	Convert a BibTeX bibliography to refer format	McHale	341
references	Bibliographic software supporting $\LaTeX$ /BibTeX	Kiefel	283
reflectgraphics	Techniques for reflecting graphics	Reiche	405
refman	Format technical reference manuals	Kielhorn, Partl	283
refreshpdf	Refresh PDF files "remotely"	Gerhardt	225
refstyle	Advanced formatting of cross references	Els	204
regcount	Display the allocation status of the $\TeX$ registers	Drucbert	197
regexpatch	High level patching of commands	Gregorio	238
register	Typeset programmable elements in digital hardware (registers)	Lovell	326
regstats	Information about register use	Münch	355
reledmac	Typeset scholarly editions	Rouquette	420
reledpar	Typeset scholarly editions in parallel texts	Rouquette	420
relenc	A "relaxed" font encoding	Hellström	252
relsize	Set the font size relative to the current font size	Swift, Arseneau	468
removefr	Remove from counter-reset lists	Arseneau	135
remreset	Remove counters from reset list	Carlisle	170
renditions	Multiple versions from the same content	Story	464
reotex	Draw Reo Channels and Circuits	Oliveira	377
repeat	Repeat execution of macros	Eijkhout	203
repeatindex	Repeat items in an index after a page or column break	Harders	247
repere	MetaPost macros for secondary school mathematics teachers	Péault	387
repltext	Control how text gets copied from a PDF file	Pakin	382

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	490
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	491
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	374
res	A resumé class	Krishnamurthy, DeCorte	301
rescansync	Re-scan tokens with synctex information	user202729	510
resizegather	Automatically resize overly large equations	Oberdiek	374
resmes	Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X	De Donato	195
ResolSysteme	Work on linear systems using xint or pyluatex	Pierquet	391
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	517
rest-api	Describing a rest api	Klein	289
resumecls	Typeset a resume both in English and Chinese	Hu	263
resumemac	Plain T <sub>E</sub> X macros for resums	Hosek	262
returntogrid	Semi-automatic grid typesetting	Fischer	215
reverxii	Playing Reversi in T <sub>E</sub> X	Le Floch	216
revnum	Reverse enumerate	Wilms	535
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	234
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	376
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	376
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	376
rftc2bib	Generate BibT <sub>E</sub> X entries for IETF RFCs	Mortier	352
rftl	Ruby font installer library	Gundlach	241
RGB	Tables of RGB colour parameters	Loreti	325
rgltxdoc	Common code for documentation of the author's packages	Grewe	239
ribbonproofs	Drawing ribbon proofs	Wickerson	534
richtext	Create rich text strings	Story	464
rit-fonts	Malayalam fonts by Rachana Institute of Typography (RIT)	Radhakrishnan	400
rjparshap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	313
rlepf	Rewrite labels in EPS graphics	Rourke	421
rmannot	Create rich media annotations in a PDF file	Story	464
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	424
rmligs	Remove incorrect ligatures in German documents	Jacke	267
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	341
rmthm	Use a roman font for theorem statements	Verwer	514
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	511
Robot Man	A fun demo of AcroT <sub>E</sub> X eDucation Bundle facilities	Story	464
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	452
roboto	Support for the Roboto family of fonts	Tennent	482
robustcommand	Declare robust command, with \newcommand checks	Ebermann	201
robustindex	Create index with pagerefs	van der Kallen	276
rojud	A font with the images of the counties of Romania	Bazon	143
romanbar	Write roman number with "bars"	Münch	355
romanbarpagenumber	Typesetting roman page numbers	Schneider	434
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	405
romaniantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	408
romanneg	Roman page numbers negative	Wolczko	539
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	413
rorlink	Create ROR symbols which links to the given ROR-IDs	Lukas	330
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbatl	206
rotate-textures	Box rotation macros for Textures	Karney	277
rotate	Rotate T <sub>E</sub> X boxes	Unknown	506

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team	208
rotchiffre	Perform simple rotation cyphers	Oberdiek	374
rotfloat	Rotate floats	Sommerfeldt	453
rotpages	Typeset sets of pages upside-down and backwards	Callegari	168
rotunda	Rotunda manuscript book-hand font	Wilson	537
RoueQuestions	Draw a “question wheel” (roue de questions)	Vignal Danilet	189
roundbox	Round boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	232
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	190
rplain	Redefines the plain pagestyle	Sommerfeldt	453
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	379
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	224
rsc	BibT <sub>E</sub> X style for use with RSC journals	Wright	541
rsfs	Ralph Smith’s Formal Script font	Smith, Hoekwater	452
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	444
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	407
rterface	Access to R analysis from within a document	Bogue	154
rtf2latex2e	Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e	Sathyam, Prah	426
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	330
rtkinenc	Input encoding with fallback procedures	Hellström	252
rtklage	Make suit details for German courts	Vosberg	521
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	319
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	362
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	362
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	362
rubiktwo	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	362
ruhyphen	Russian hyphenation	Volovich	520
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	297
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	359
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	203
rulerbox	Draw rulers around a box	Yang	545
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	457
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	140
rune	Two rune fonts	Grant, Lüddecke	235
runic	Fonts for Anglo-Saxon futhorc script	Wilson	538
runtex	Windows program to run T <sub>E</sub> X variant and various utils as needed	Becker	146
russ	L <sup>A</sup> T <sub>E</sub> X in Russian, without babel	Shashkov	445
russian-help	L <sup>A</sup> T <sub>E</sub> X help in Russian	Lubenets	326
rustic	Roman Rustic manuscript book-hand font	Wilson	538
rutitlepage	Radboud University Titlepage Package	Lubbers	326
rvviewport	Relative Viewport for Graphics Inclusion	Veytsman	517
rvwrite	Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X	Radhakrishnan	400
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	446
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	310
<b>SSSS</b>			
s2latex	A scribe to L <sup>A</sup> T <sub>E</sub> X converter	Jacobson, James	269
sa-tikz	TikZ library to draw switching architectures	Fiandrino	212
sacsymb	“Sacred Symbols” prepared with TikZ	Nyaupane	368
sae	Typeset an SAE technical paper	Franke	219
saferef	Safer references through strong typing of references	Ashton	137
sageep	Format papers for the annual meeting of EEGS	Veytsman	517



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
SageTeX	Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X	Pasechnik, Drake	385
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	471
samples	Samples of Plain T <sub>E</sub> X coding	Unknown	507
sanhyph	Sanskrit hyphenation patterns	Codet	182
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	466
sankey	Draw Sankey diagrams with TikZ	Gaborit	223
sans	Exchange Roman and Sans faces in a document	Knappen	291
sanskrit-t1	Type 1 version of ‘skt’ fonts for Sanskrit	Korop	299
sanskrit	Sanskrit support	Haisman, Wikner	243
sansmath	Maths in a sans font	Arseneau	135
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	141
sansmathfonts	Extended Computer Modern sans serif fonts	Barton	141
sapthesis	Typeset theses for Sapienza-University, Rome	Biccari	151
sarabian	Archaic South Arabian script font	Wilson, Stanier	539
SASnRdisplay	Typeset SAS or R code or output	Madsen	333
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	426
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	426
sauterfonts	Use Sauter’s fonts in L <sup>A</sup> T <sub>E</sub> X	Barthelmann	141
saveenv	Save environment content verbatim	user202729	510
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	304
savesym	Redefine symbols where names conflict	Göbel	230
savetrees	Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document	Pakin	382
sbtex	A compact T <sub>E</sub> X distribution for MS-DOS	Sullivan	466
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	507
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	507
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	425
scalebar	Create scalebars for maps, diagrams or photos	Lake	308
scaleft	Rescale fonts to arbitrary sizes	Carlisle	170
scalrel	Constrained scaling and stretching of objects	Segletes	440
scanpages	Support importing and embellishing scanned documents	Sharpe	444
schedule	Weekly schedules	Alexander, Deneault	130
schedule209	Typeset schedules	Pfennig	389
schemabloc	Draw block diagrams, using TikZ	Papanicola	384
schemata	Print topical diagrams	Schaum	429
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	403
schemeweb	Simple support for literate programming in Lisp	Ramsdell	403
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	525
ScholaX	Extension of T <sub>E</sub> XGyreSchola (New Century Schoolbook) with math support	Sharpe	444
schooldocs	Various layout styles for school documents	Missier	348
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	390
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	532
schulschriften	German “school scripts” from Suetterlin to the present day	Entenmann	205
schwalbe-chess	Typeset the German chess magazine “Die Schwalbe”	Hoening	258
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	328
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	299
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	335
scientificpaper	Format a scientific paper for journal publication	Aycock	138
scientificviewer	MacKichan software viewer	Pearson	387
SciKGTeX	Mark research contributions in scientific documents and embed them in PDF metadata	Bless	153
sciposter	Make posters of ISO A3 size and larger	Wilkinson	535
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	499
sclang-prettyfier	Prettyprinting SuperCollider source code	Cretel	186

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
scmac	Typeset scripts with Plain TeX	Piaw	390
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	329
scorecard	Format a Baseball scorecard	Wall	528
Scrabble	Commands for Scrabble boards	Pierquet	391
scraddr	Provide data from scr1ttr2's address files	Kohm	297
scrambledenvs	Create and print scrambled environments	Chen	176
scrartcl	Koma-Script 'article' class	Kohm	297
scratch	Draw programs like "scratch"	Tellechea	479
scratch3	Draw programs like "scratch"	Tellechea	479
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	402
scrbase	Provide basic features for KOMA-Script	Kohm	297
scrbook	Koma-Script 'book' class	Kohm	297
scrdate	Calendar date operations	Kohm	297
screen	Prepare a document for a simple previewer	Unknown	507
screenplay-pkg	Package version of the screenplay document class	Munn	356
screenplay	A class file to typeset screenplays	Pate	386
scrextend	Use of components of KOMA-Script by other packages	Kohm	297
scrindex	Make index package work with Koma-script classes	Oberdiek	374
script-font	Handwriting font	Vanroose	511
script	Variant report and book styles	Neukam, Lichti	362
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	207
ScriptTeX	Macros for scripts and screenplays	McCarthy	341
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	398
scrjrn1	Typeset diaries or journals	Pinson	394
scrjura	Koma-Script support for lawyers, etc	Kohm	297
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script's scrlayer	Kohm	297
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	297
scrlayer-scrpage	Define and manage page styles	Kohm	297
scrlayer	Manage text 'layers' within Koma-Script	Kohm	297
scrletter	Letter extension to KOMA-Script classes	Kohm	297
scr1file	Installation control for koma-script packages	Kohm	297
scr1ttr2	Koma-Script 'letter' class	Kohm	298
scr1ttr2copy	A letter class option file for the automatic creation of copies	Niepraschk	365
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	298
scrreprt	Koma-Script 'report' class	Kohm	298
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	298
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	298
scsnowman	Snowman variants using TikZ	Yamashita	545
scyrillic	A family of cyrillic fonts	Samarin, Glonti	425
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	150
sdr1	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	266
sduthesis	Thesis Template of Shandong University	Huang	263
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	330
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	208
seceqn	Number theorems by section	Leichter	314
secnum	A macro to format section numbering intuitively	Gau	224
secret	Put security classification marks in a document	Duchier	198
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	397
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	535
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	260
sectsty	Control sectional headers	McDonnell	341
seealso	Improve the performance of \see macros with makeindex	Liu	319
sehyph	Hyphenation patterns for Swedish	Rynning	424
selectp	Select pages to be output	Arseneau	135

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
selectpage	Select pages to be output from a document	Knuth	293
selinput	Semi-automatic detection of input encoding	Oberdiek	374
selnolig	Selectively disable typographic ligatures	Loretan	324
SemanTeX	Semantic, keyval-based mathematics	Ørsted	379
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	173
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	360
semaphor	Semaphore alphabet font	Zýka	554
semesterplanner	Create beautiful semester timetables and more	Schneider	434
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	549
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	254
semproc	Seminar proceedings	Columbus	184
SemTeX	Deals with stripped SemanTeX documents	Ørsted	379
semtrans	Transliteration of semitic languages	Knappen	291
sentences	Numbered lists for sentences	Unknown	507
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	318
sepnun	Print numbers in a "friendly" format	Raichle	402
seqsplit	Split long sequences of characters in a neutral way	Veytsman	517
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	212
serbian-book	Support for use of memoir in Serbian	Filipović	213
serbian-date-lat	Updated date typesetting for Serbian	Filipović	213
serbian-def-cyr	Serbian cyrillic localization	Filipović	213
serbian-lig	Control ligatures in Serbian	Filipović	213
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	213
serial	Generate serial letters	Pedersen	387
sesamanuel	Class and package for sesamath books or paper	Charpentier	175
sesstime	Session and timing information in lecture notes	Beisert	148
setdeck	Typeset cards for Set	Whieldon	533
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	374
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	249
setspaceenhanced	An enhancement of the setspace package	Kohm	298
setstrut	Automatic strut computation	von Bechtolsheim	145
settobox	Assigning dimensions of a box to a length register	Oberdiek	374
settosize-ltx	Scale text to make it fit a given width	Rahtz	401
settosize	Scale text to given width	Taylor	478
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	272
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	548
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	209
sexam	Package for typesetting arabic exam scripts	Laouidji	310
sf298	Standard form 298	Cochran, Rochford	182
sfarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch	Partl, Simon	385
sffms	Typesetting science fiction/fantasy manuscripts	DeMarco	191
sfg	Draw signal flow graphs	Schmid	431
sfheaders	Sans headers	Loreti	325
sfmath	Sans-serif mathematics	Dietrich	193
sfwmac	A set of definitions for Unix system documentation	Unknown	507
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	379
sgmlcmpt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	291
shadbox	Shade the background of any box	Glazkov	229
shade	Shade pieces of text	Schmitt	433
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	161
Shaded theorems	Theorem environments that are shaded	Hefferon	250
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	354

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
shadow	Shadow boxes	Orlandini	378
shadowtext	Produce text with a shadow behind it	Zwols	554
shalom	A simple Hebrew typesetting bundle	Böttcher	158
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	135
shapepatch	Transfig patch supporting shapepar	Gollwitzer	231
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	232
shavian	A Shavian spelling alphabet font	Stanier	458
shdoc	Float environment to document the shell commands of a terminal session	Laube	311
shellessc	Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	490
shhyphl	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	354
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	446
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	257
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	298
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	485
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	343
shortlst	Compact lists by running several items per line	Hansen	245
shortmathj	Automatically shortify titles of mathematical journals	Avdeev	137
shorttoc	Table of contents with different depths	Drucbert	197
shortvrb	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	490
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X2e	Pégourié-Gonnard	388
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	282
showdim	Variants on printing dimensions	Downes	196
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	365
showframe	Draw a page-layout diagram	Niepraschk	365
showhyphenation	Marking of hyphenation points	Kelkel	279
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	241
showkerning	Showing kerns in a document	Kelkel	279
showkeys	Show label, ref, cite and bib keys	Carlisle	170
showlabels	Show label commands in the margin	Gray	236
showtags	Print the tags of bibliography entries	Beebe	146
shsulet	A letter document style for use at SHSU	Greenwade	237
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	317
shuffle	A symbol for the shuffle product	Lejay, Gilbey	315
si	A comprehensive (SI) units package	Wright	541
siam	Styles for SIAM publications	Gray, Cipolone	236
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	292
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	366
sidenotes	Typeset notes containing rich content, in the margin	Thomas	492
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	527
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	354
siggraph	SIGGRAPH conference class	Kartch	278
signchart	Create beautifully typeset sign charts	Mottaz	353
Sikumuna	Lyx template for Hebrew article format	Rutenberg	424
silence	Selective filtering of error messages and warnings	Pock, Isambert	395
sillypage	John Cleese’s Silly Walk as page numbering style	Cereda	174
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	439
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	439
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	312
simplecd	Simple CD, DVD covers for printing	Majoros	335
simplecv	A simple class for writing curricula vitae	Lasgouttes	310

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	156
simpleinvoice	Easy typesetting of invoices	Lohne	320
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	479
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	513
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	174
simpler-wick	Simpler Wick contractions	Ellis	204
simples-matrices	Define matrices by given list of values	Henel	254
simplewick	Simple Wick contractions	Kolorenc	299
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	237
simplivre	Write your books in a simple and clear way	XU	544
simpsons	Metafont source for Simpsons characters	Chen	176
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	282
sines	Calculate sin function values	Walker	528
sinhala	Support for the Sinhala language	Saparamadu	426
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	450
SIstyle	Package to typeset SI units, numbers and angles	Els, Wright	204
sitem	Save the optional argument of \item	Majkrzak	334
siunits	International System of Units	Wright, Heldoorn	542
siunitx	A comprehensive (SI) units package	Wright	541
skak	Fonts and macros for typesetting chess games	Hoffmann	258
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	194
skb	Tools for a repository of long-living documents	van der Meer	343
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	448
skeldoc	Placeholders for unfinished documents	Hetland	256
sketch	A 3d sketch language translator	Ressler	407
skeycommand	Create commands using parameters and keyval in parallel	Musa	358
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	358
skills	Create proficiency tests	Giraud	228
skmath	Extensions to the maths command repertoire	Sigurdhsson	448
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	448
skull	A font to draw a skull	Grove	240
slantsc	Access different-shaped small-caps fonts	Harders	248
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	545
slashed	Put a slash through characters	Carlisle	170
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	450
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	340
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	222
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	467
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	527
slidenotes	Typeset slides accompanied by notes	van der Meer	343
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	350
slideshow	Generate slideshow with MetaPost	McPhee	342
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	446
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	477
smaller	Choose an “adjacent” size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	185
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	338
smalltalk	Typeset Smalltalk program fragments	Wolczko	539
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	543
smartdiagram	Generate diagrams from lists	Fiandrino	212
smartmn	Make hyphens print as minus signs where appropriate	Knappen	291
smartref	Extend L <sup>A</sup> T <sub>E</sub> X’s \ref capability	Bilotta	152
smartunits	Converting between common metric and Imperial units	Mathas	338



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	175
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	437
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	486
snaptodo	A todo that snaps to the closer side	Wang	529
snote	Shaped notes for MusicTeX	Colburn	183
snotez	Typeset notes, in the margin	Niederberger	364
sober	Makes appearance of standard styles more "sober"	Poppelier	396
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	157
softfonts	Manage the "soft fonts" in a LaserWriter printer	Small Planet Software	451
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	287
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	287
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	287
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	287
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	287
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	287
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	287
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	287
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	287
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	287
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	288
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	288
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	288
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	288
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	288
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	288
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	288
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	288
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	288
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	288
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	288
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	288
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	288
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	288
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	288
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	288
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	288
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	289
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	289
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	289
softmakerfreefont	Support files for SoftMaker free fonts	Kleber	289
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	271
songbook	Package for typesetting song lyrics and chord books	Rath	403
songproj	Generate Beamer slideshows with song lyrics	Ortolo	379
songs	Produce song books for church or fellowship	Hamlen	244
sorhyph	Upper Sorbian hyphenation patterns	Werner	533
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	380
soton	University of Southampton-compliant slides	Blanco	153
soul	Hyphenation for letterspacing, underlining, and more	Oberdiek	374
soulpos	A fancy means of underlining	Bezoz López	322
soup	Generate alphabet soup puzzles	Simers	449
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	490
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	259
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	259
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	259
SouthArabian	A font for an archaic South Arabia script	Stanier	458

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	184
spacekern	Kerning between words and against space	Kelkel	279
spacingtricks	Addressing various spacing issues	Missier	348
spain	Bibliography style for Spanish documents	Fernandez	211
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	399
spanish-mx	Typeset Spanish as in Mexico	Rivera	410
spark-otf	Support OpenType Spark fonts	Voß	525
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	320
spath3	Manipulate “soft paths” in PGF	Stacey	457
spbmark	Customize superscripts and subscripts	Yi	548
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	176
spelling	Support for spell-checking of LuaTeX documents	Hennig	254
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	397
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	224
sphyphb	Experimental Spanish hyphenation patterns	Medina	343
spiderweb	A tool for building WEB systems	Ramsey	403
spie	Support for formatting SPIE Proceedings manuscripts	Hanson, SPIE Support	245
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	386
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	329
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	446
split	Box two chunks of text side-by side	Skinner	450
splitbib	Split and reorder your bibliography	Markey	336
splitindex	Unlimited number of indexes	Kohm	298
spot	Spotlight highlighting for Beamer	Hendrickson	253
spotcolor	Spot colours for pdfLaTeX	Elstner	204
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	479
springer	Macros for Springer journals	Springer Verlag	456
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	185
sperbatim	Allow line breaks within \verb and verbatim output	Pakin	382
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	202
sqrcaps	Square Capitals manuscript book-hand font	Wilson	538
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	213
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	213
sr-vorl	Class for Springer books	Dabelow	187
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	459
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	500
srcredact	A tool for redacting sources	Veytsman	517
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	531
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	271
srune	Saxon rune font	Lüddecke	328
sseq	Typesetting spectral sequence charts	Bauer	142
ssbdbk10	Sans headers in book style	Unknown	507
sslides	Slides with headers and footers	Salimi	425
ssquote	Use the cmssq fonts	Vieth, Goossens	518
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	366
stabular	Multipage tabular	Tolušis	495
stack	Tools to define and use stacks	Bayart	143
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	440
stackrel	Enhancement to the \stackrel command	Oberdiek	374
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	492
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	374
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	429

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
stanli	TikZ Library for Structural Analysis	Hackl	242
starfont	The StarFont Sans astrological font	Skala	450
starray	A structured array (of properties) based on expl3	Frigeri	222
startex	An XML-inspired format for student use	Langmyhr	310
statex	Statistics style	Sparapani	454
statex2	Statistics style	Sparapani	454
statistics	Compute and typeset statistics tables and graphics	Rivaud	409
statistik	Store statistics of a document	Niedermair	364
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	132
statrep	Displays SAS code and results of running the code	Arnold	133
staves	Typeset Icelandic staves and runic letters	Syropoulos	469
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	413
stdpage	Standard pages with n lines of at most m characters each	Verweyen	515
stealcaps	“Steal” small capitals	Giannotti	227
steinmetz	Print Steinmetz notation	Gregorio	238
stellenbosch-2	Stellenbosch University thesis bundle	Els	204
stellenbosch	Stellenbosch thesis bundle (legacy version)	Els	204
step	A free Times-like font	Miller	347
stepgreek	A free Times/Elsevier-style Greek font	Miller	347
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	295
stfloats	Commands to control the presentation of floats	Tolušis	495
SticksToo	A reworking of STIX2	Sharpe	444
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	491
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	491
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	491
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	271
stoneipa	Support for the Stone Sans Phonetic font	Velleman	513
storebox	Storing information for reuse	Scharrer	429
storecmd	Store the name of a defined command in a container	Musa	359
strands	Draw objects constructed from strands	Arcis	133
streetex	Structural organic chemistry	Strokov	465
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	379
string-diagrams	Create string diagrams with L <sup>A</sup> T <sub>E</sub> X and TikZ	Brasolin	160
stringenc	Converting a string between different encodings	Oberdiek	374
stringstrings	String manipulation for cosmetic and programming application	Segletes	440
structmech	A TikZ command set for structural mechanics drawings	Chang	175
struktex	Draw Nassi-Shneiderman charts	Hoffmann	258
sttools	Various macros	Tolušis, Statulevičius	495
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	465
Student Handouts	Management and styling of student handout projects	Fennell	211
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	417
sty2dtx	Create a .dtx file from a .sty file	Scharrer	429
style-showcase	Make a web page to compare styles	Hefferon	250
styledcmd	Handling multiple versions of user-defined macros	De Donato	195
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	415
subcaption	Support for sub-captions	Sommerfeldt	454
subdepth	Unify maths subscript height	Robertson	411
subdocs	Multifile documents	Bezos López	322
subeqn	Package for subequation numbering	Arseneau, Braams	136
subeqnarray	Equation array with sub numbering	Braams	159

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	182
subfigmat	Automates layout when using the subfigure package	Kleb	286
subfigure	Deprecated: Figures divided into subfigures	Cochran	182
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	425
subfloat	Sub-numbering for figures and tables	Harders	248
sublabel	Sub-number counters	Daly	188
subscript	Provides the <code>\textsubscript</code> command	Fairbairns, Carlisle	208
substances	A database of chemicals	Niederberger	364
substitutefont	Obsolete package to combine font families for different font encodings	Milde	347
substr	Deal with substrings in strings	Harders	248
subsupscripts	A range of sub- and superscript commands	Bresciani	161
subtext	Easy text-style subscripts in math mode	Jørgensen	274
sudoku	Create sudoku grids	Abraham	128
sudokubundle	A set of sudoku-related packages	Wilson	538
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	328
suffix	Define commands with suffixes	Kastrup	278
suftesi	A document class for typesetting theses, books and articles	Valbusa	511
sugconf	SAS(R) user group conference proceedings document class	Fehd	210
superiors	Attach superior figures to a font family	Sharpe	444
supertabular	A multi-page tables package	Braams	159
suppose	Abbreviate the word “Suppose”	Lounsbury	325
susy	Macros for SuperSymmetry-related work	Turlay	499
suthesis	Typeset a Stanford University thesis	Pallas	383
sverb	A set of verbatim text manipulations	Wooding	540
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	205
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	245
svgcolor	Define SVG named colours	Caprio	169
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	429
svn-prov	Subversion variants of <code>\Provides...</code> macros	Scharrer	429
svn	Typeset Subversion keywords	Lewis	317
svninfo	Typeset Subversion keywords	Brucker	163
svrsymbols	A font with symbols for use in physics texts	Syropoulos	469
swebib	Swedish bibliography styles	Engelbrechtsen	205
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	205
swfigure	Insert large images that do not fit into a single page	Beccari	145
swiftex	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	468
Swimgraf	Graphical/textual representations of swimming performances	Osborne	379
switcheml	Obfuscate email addresses (now obsolete)	Duan	198
swrule	Lines thicker in the middle than at the ends	Dussa	200
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	235
syllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	513
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	217
symbolindex	Generate a list of symbols with different subgroups	Holzmann	261
SympyCalc	Work with SymPy and PyLuaTeX	Pierquet	391
sympytex	Include symbolic computation (using sympy) in documents	Molteno	351
Synapsen	Reference management tool for BibTeX	Krajewski	300
synctex-parser	SyncTeX output file parser	Laurens	311
syngen	A tool for generating syntax diagrams from BNF	Klöcker	290
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	267
syntax-mdw	Typeset syntax descriptions	Wooding	540
syntax2	Creation of syntax diagrams	Worsch	541
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	390
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	350

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
syntrace	Labels for tracing in a syntax tree	Mathieu	338
synttree	Typeset syntactic trees	van Zuijlen	554
syriac	A font for Syriac written in Estrangelo	Stanier	458
syscontrolletters	Support for Systems and Control Letters	Balemi, Truöl	139
systeme	Format systems of equations	Tellechea	479
<b>TTTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	332
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	305
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	490
t1infos	Utilities for PostScript fonts	Baruchel	142
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	275
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	539
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	256
t2	Support for using T2 encoding	Volovich, Lemberg	521
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	346
tabbing	Tabbing with accented letters	Drucbert	197
tabbingbox	Save a tabbing environment in a box	Unknown	507
tabfigures	Maintain vertical alignment of figures	Ummels	500
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	308
tableauVariations	Variation tables in MetaPost	Mazoit	340
tableaux	Construct tables of signs and variations	Kisselhoff	286
tablefootnote	Permit footnotes in tables	Münch	355
tableof	Tagging tables of contents	Burnol	166
tables	Tables without the need for a preamble	Cowan, Taylor	186
tablestyles	Styles for tables with new commands	Pospiech	396
tablists	Tabulated lists of short items	Lapko	310
tablor	Create tables of signs and of variations	Connan	184
tabls	Better vertical spacing in tables and arrays	Arseneau	135
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	348
tabriz-thesis	A template for the University of Tabriz	Damanafshan	189
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	406
tabstackengine	“Tabbing” front-end to stackengine	Segletes	440
tabto-generic	“Tab” to a measured position in the line	Arseneau	135
tabto-ltx	“Tab” to a measured position in the line	Arseneau	135
tabu	Flexible L <sup>A</sup> T <sub>E</sub> X tabulars	Chervet	178
tabularborder	Remove excess space at left and right of tabular	Fink	214
tabularcalc	Calculate formulas in a tabular environment	Tellechea	479
tabularew	A variation on the tabular environment	Saba	425
tabularht	Tabular environments with height specified	Oberdiek	374
tabularkv	Tabular environments with key-value interface	Oberdiek	374
tabularray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	332
tabulars-e	Examples from the book “Typesetting tables with L <sup>A</sup> T <sub>E</sub> X”	Voß	525
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
tabulary	Tabular with variable width columns balanced	Carlisle	171
tabvar	Typesetting tables showing variations of functions	Flipo	216
tabverb	Verbatim text respecting TAB characters	Fine	213
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	320
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	367
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	215
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	534
talos	A Greek cult font from the eighties	Tsolomitis	497
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	328
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	336
tamil-omega	Tamil support for Omega/Aleph	Alex	130



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tangle	Generate compilable source from web	Knuth	293
tango-weevil	A simple Web system	Minyard	348
tangocolors	Use colors from the Tango color palette	Preuße	397
TangramTikZ	Tangram puzzles, with TikZ	Pierquet	391
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	268
tape	Generate cassette labels from a simple database	Podar	395
tapir	A simple geometrical font	Mitek	348
tasks	Horizontally columned lists	Niederberger	364
taylor	Macros for category-theoretic diagrams	Taylor	478
tbe	Extracts from "TeX by Example"	Borde	156
tccompat	Provide compatibility names for textcomp.sty	Knappen	291
tclldoc	Doc/docstrip for tcl	Hellström	252
tcltexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	465
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	340
tcolorbox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	466
tcvn	Vietnamese Windows support	Quy	399
tdclock	A ticking digital clock package for PDF output	Randez	403
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	498
tdsfrmath	Macros for French teachers of mathematics	Henel	254
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	265
Technica	Typesetting for the humanities	Boggio-Togna	154
technics	A package to format technical documents	Nilsson	366
technion-thesis...	Template for theses on the Technion graduate school	Shuval	447
techreport	Generate Technical Reports using USC thesis style	Cochran	182
ted	A (primitive) token list editor	Pégourié-Gonnard	388
TeEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	131
telprint	Format German phone numbers	Oberdiek	374
telugu	(La)TeX Support for writing the Telugu Language	Mukkavilli	354
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	211
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	453
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	396
tempora	Greek and Cyrillic to accompany Times	Sharpe	444
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	192
tengwar	Font to set Tolkien's Tengwar script	Urban	509
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	223
tensind	Typeset tensors	Bezos López	322
tensor	Typeset tensors	Piff, Ratcliffe	393
termcal-de	German localization for termcal	Friedl	221
termcal	Print a class calendar	Mitchell	348
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	525
termlist	Label any kind of term with a continuous counter	Rellermeyer	407
termmenu	The package provides support for terminal-based menus using expl3	Allred	131
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	225
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	140
testeq	An equality test for use in MetaPost	Vieth	518
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	445
testfont	A testbed for font evaluation	Knuth	294
testhyphens	Testing hyphenation patterns	Beccari	145
testidx	Dummy text for testing index styles and indexing applications	Talbot	475
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	485
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	206
tetragonos	Four-Corner codes of Chinese characters	Yang	545
teubner	Philological typesetting of classical Greek	Beccari	145

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex--xet	Bidirectional extension of T <sub>E</sub> X	Breitenlohner, Knuth, MacKay	160
TeX Converter	Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters	Mayer	340
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	251
tex-extensions	Proposals for extensions to T <sub>E</sub> X	Clasen	181
tex-font-errors...	Cheat sheet outlining the most common T <sub>E</sub> X font errors	Schlömer	431
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	251
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	251
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	267
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	267
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	267
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	268
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	268
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pi- anowski	269
tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre DejaVu	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	268
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	268
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	268
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	268
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	267
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	147
tex-ini-files	Model T <sub>E</sub> X format creation files	Wright	541
tex-it	Controller for T <sub>E</sub> X processing	Walsh	529
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	424
tex-label	Place a classification on each page of a document	Komarath	299
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	475
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	262
tex-math	Maths mode documentation for OS/2 users	Hahn	243
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olśák	377
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	496
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	155
tex-references	References for T <sub>E</sub> X and Friends	Wiedmann	534
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przech- lewski	530
tex-vpat	TeX Accessibility Conformance Report	Veytsman	517
TeX	A sophisticated typesetting engine	Knuth	294
tex2bib	Extract a BibTeX database from a document source	Friendly	221
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	218
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	549
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	450
tex2rtf	TeX translator, output formats include RTF	Smart	451
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	213
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	179
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	260
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	484

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texaccents	Convert composite accented characters to Unicode	Milanese	346
texapi	Macros to write format-independent packages	Isambert, Robbers	267
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	175
texbook	The source of The T <sub>E</sub> Xbook	Knuth	294
texbuch	"The little T <sub>E</sub> XBook"	Cremer	186
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	203
texcad32	Win32 drawing package for mathematical diagrams	Unknown	507
texchord	Typeset guitar-chord diagrams	Hoffman	258
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	414
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	232
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	429
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	221
texdeps	Find the dependencies of a (La)T <sub>E</sub> X file	Cozens	186
texdiff	Compare documents and produce tagged merge	Doll, Günay	194
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	166
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	241
texdoc	Documentation access for T <sub>E</sub> X Live	Asakura, Esser, Pégourié-Gonnard, T <sub>E</sub> XLive	137
texdoctk	Easy access to package documentation	Ruedas, Harcombe	424
texdraw	Graphical macros, using embedded PostScript	Kabal	275
texed	A T <sub>E</sub> X shell for OS/2	Stippich	460
texemplar	A class for the journal of CervanTeX	Bezós López	322
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	207
texfilt	A (La)T <sub>E</sub> X log filter	Baker	138
TeXFindPkg	Query or install T <sub>E</sub> X packages and their dependencies	Lyu	332
texfot	Filter clutter from the output of a T <sub>E</sub> X run	Berry	150
TeXhax	Digests of a general T <sub>E</sub> X mailing list	Unknown	507
texi2dvi-latest	Process Texinfo or (La)T <sub>E</sub> X source to DVI	Friedman	221
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	397
texi2roff	Translate texinfo to troff	Erlebacher	206
texi2www	Converts texinfo to display on the Web	Singletary	449
texilikechaps	Format chapters with a texi-like format	Rivera	410
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	449
texindex	Simple indexing using standard Unix commands	Unknown	507
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	220
texinfo	Texinfo documentation system	Free Software Foundation	220
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	218
TeXline	A T <sub>E</sub> X-based magazine	Clark	181
texlipse	L <sup>A</sup> T <sub>E</sub> X plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	320
texlist	Typeset program listings	Forkosh	218
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	483
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	483
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	483
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	483
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	441
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	365
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	486
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	T <sub>E</sub> XLive	486
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	T <sub>E</sub> XLive	486
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	360
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	191
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	380
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	307

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	424
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	308
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	258
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	276
TeXmate	Comprehensive chess annotation in L <sup>A</sup> T <sub>E</sub> X	Garcia-De Castro	173
texments	Using the Pygments highlighter in L <sup>A</sup> T <sub>E</sub> X	Kubica	303
TeXmuse	Music typesetting system using T <sub>E</sub> X and Metafont	Garcia-De Castro	173
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaL <sup>A</sup> T <sub>E</sub> X	Movahhedian	353
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	534
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	156
texosquery	Cross-platform Java application to query OS information	Talbot	475
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	330
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	218
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	408
texpictex	Use tpic special commands in PiCTeX	Grunwald	240
texplate	A tool for creating document structures based on templates	Cereda	174
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	314
TeXProject	A package for project management	Bressan, Gurari	161
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	552
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	221
texshade	Package for setting nucleotide and peptide alignments	Beitz	148
TeXshell	X-Window Shell for T <sub>E</sub> X	Mittelbach	350
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	465
texshop	TeX front end for use on MacOS X	Koch	295
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	359
texsketch	A drawing package for OS/2	Bahnes	138
texsort	Sort/compress numerical lists	Tolušis	495
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	201
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	132
TeX T1	TeX format from Washington State University	Guenther	240
text2bib	A PHP script to convert references to BibTeX	Osborne	379
textarea	Control the text area dynamically	Rozhenko	423
textcase	Case conversion ignoring mathematics, etc	Carlisle	171
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	401
textcsc	Simple commands for caps-to-small-caps text	Granet	235
textfit	Fit text to a desired size	Rahtz, Taylor	401
textglos	Typeset and index linguistic gloss abbreviations	Weber	531
textgreek	Upright greek letters in text	Michlmayr	345
textmerg	Merge text in T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Piff, Fairbairns, Carlisle	393
textool	A SunOS DVI viewer	Ilieve	266
texttoolspro	Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X	Algaba	131
textopo	Annotated membrane protein topology plots	Beitz	148
textpath	Setting text along a path with MetaPost	Hennig	255
textpos	Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page	Gray	236
textualicomma	Use the textual comma character as decimal separator in math mode	Friedl	221
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	276
texvc	Use MediaWiki L <sup>A</sup> T <sub>E</sub> X commands	Schubotz	437
texware	Utility programs for use with T <sub>E</sub> X	Knuth	294
tfmprk	A viewer for tfm and pk font files	Medini	343
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	310
tfrupree	A font offering the new (Indian) Rupee symbol	Jørgensen	274
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	538
tgrind	Produce beautiful program listings using plain T <sub>E</sub> X	Jacobson	269
tgrind209	Support tgrind in L <sup>A</sup> T <sub>E</sub> X 2.09	Unknown	507

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
thai-rmit	A font for Thai script	Kent	280
thai-usl	A font for Thai script	Kent	280
thaienum	Thai labels in enumerate environments	Janthong	270
thaifonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	277
ThaiLaTeX	Typeset Thai texts with standard L <sup>A</sup> T <sub>E</sub> X classes	Karoonboonyanan	277
thaispec	Thai Language Typesetting in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Promkam	398
thalie	Typeset drama plays	Paternault	386
theanodidot	TheanoDidot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
theanomodern	Theano Modern fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
theanooldstyle	Theano OldStyle fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
theapa	APA (American Psychology Association) Reference Citation for L <sup>A</sup> T <sub>E</sub> X	Ryu	424
theatre	A sophisticated package for typesetting stage plays	Hinque	257
theorem	Manipulate theorem environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	350
theoremref	References with automatic theorem names	Jeřábek	272
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	374
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	244
these	Bibliography style for French theses	Herrb	255
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	495
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	305
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	404
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	308
thesis	Typeset thesis	Matiaske	338
thinsp	A stretchable \thinspace for L <sup>A</sup> T <sub>E</sub> X	Jørgensen	274
thirteen	Print dates of Friday 13th days	Unknown	507
thmbox	Decorate theorem statements	Beffara	147
thmtools	Extensions to theorem environments	Schwarz, Chou	439
thorshammer	Assessment based on AcroTeX quizzes	Story	464
threadcol	Organize document columns into PDF “article thread”	Pakin	382
threecol	Three-column newsletter output	Unknown	507
threecolumn	L <sup>A</sup> T <sub>E</sub> X output in three columns	Greenwade	237
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	329
3DLDF	Three-dimensional drawing with MetaPost output	Finston	214
threeparttable	Tables with captions and notes all the same width	Arseneau	135
threeparttablex	Notes in longtables	Madsen	333
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	289
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	517
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	162
thubeamer	A beamer theme for Tsinghua University	Yang	545
thucoursework	Coursework template for Tsinghua University	Zhao	552
thumb	Thumb marks in documents	Holm Christensen	180
thumpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	375
thumbs	Create thumb indexes	Münch	355
thumby	Create thumb indexes for printed books	Goldgaber	230
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	544
tib	A bibliographic preprocessor	TUNA Association	
tibetan	A bibliographic preprocessor	Alexander, Kremer, Kolb	130
ticket	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Schwartz, Knight, Wujastyk	438
ticollege	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Emmel	205
tidyres	Graphical representation of keys on a standard scientific calculator	De Sousa	454
tidyres	Create formal resumes easily	Liang	317
tie	Allow multiple web change files	Guntermann	241
tif2eps	A PostScript program for converting TIFF files to EPS	Jackowski, Pianowski, Strzelczyk	268



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tiff	The tiff graphics package	Leffler	313
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Hein	251
tikz-among-us	Create some AmongUs characters in TikZ environments	Zucatelli	554
TikZ-Bagua	Draw Bagua symbols in Yijing	WANG	530
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	Luttinen	331
tikz-bbox	Precise determination of bounding boxes in TikZ	Unknown	507
tikz-cd	Create commutative diagrams with TikZ	Stoffel	460
tikz-dependency	A library for drawing dependency graphs	Pighin	393
tikz-dimline	Technical dimension lines using PGF/TikZ	Gross	239
tikz-ext	A collection of libraries for PGF/TikZ	Unknown	507
TikZ-FeynHand	Feynman diagrams with TikZ	Dohse	194
tikz-feynman	Feynman diagrams with TikZ	Ellis	204
tikz-imagelabels	Put labels on images using TikZ	Plüss	395
tikz-inet	Draw interaction nets with TikZ	de Falco	209
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	Niepraschk	365
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Laus	311
tikz-ladder	Draw ladder diagrams using TikZ	Laus	311
tikz-lake-fig	Schematic diagrams of lakes	Stachelek	457
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	353
tikz-mirror-lens	Spherical mirrors and lenses in TikZ	Zucatelli	554
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	233
tikz-network	Draw networks with TikZ	Hackl	242
tikz-nfold	Triple, quadruple, and n-fold paths with TikZ	Schulz	437
tikz-opm	Typeset OPM diagrams	Hoffmann	258
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	222
tikz-page	Small macro to help building nice and complex layout materials	Gross	240
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	431
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	425
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	179
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	311
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	311
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	408
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	429
tikz-trackscheme...	A TikZ library for creating track diagrams in railways	Scheidt	429
tikz-truchet	Draw Truchet tiles	Scroggs	439
tikz2d-fr	Work with some 2D TikZ commands (French)	Pierquet	391
tikz3d-fr	Work with some 3D figures	Pierquet	392
TikZbricks	Drawing bricks with TikZ	Unknown	507
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	425
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	508
tikzfill	TikZ libraries for filling with images and patterns	Sturm	466
tikzinclude	Import TikZ images from collections	Schwenk, Berg	439
TikZlings	A collection of cute little animals and similar creatures	Unknown	508
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	457
TikZmarmots	Drawing little marmots in TikZ	Unknown	508
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	425
tikzpackets	Display network packets	Paciorek	380
tikzpagenodes	A single TikZ node for the whole page	Scharrer	429
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	215
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	222
Tikzpingus	Penguins with TikZ	Sihler	449
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	408

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikzscale	Resize pictures while respecting text size	Häcker	242
tikzsymbols	Some symbols created using TikZ	Vitecek	519
tikztosvg	A utility for rendering TikZ diagrams to SVG	Unknown	508
tikzviolinplots	Draws violin plots from data	Callil-Soares	168
tile-graphic	Create tiles of a graphical file	Story	464
tilings	A TikZ library for drawing tiles and tilings	Stacey	457
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	220
time-gen	Print the time (12-hour clock)	Sen	441
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	393
timeline	Typeset time-lines, for planning, etc	Unknown	508
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	401
timetab	Typeset timetables	Oetiker	376
timetable	Generate timetables	Verunek	514
timing-diagrams	Draw timing diagrams	Moy	354
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	340
tinot	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
tinyc2l	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	394
tip	Macro examples from “TeX in Practice”	von Bechtolsheim	145
tipa-de	German translation of tipa documentation	Leistner	315
tipa	Fonts and macros for IPA phonetics characters	Rei	405
tipauni	Producing Unicode characters with TIPA commands	Unknown	508
tipfr	Produces calculator’s keys with the help of TikZ	De Sousa	454
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezoz López	322
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	265
titlecaps	Setting rich-text input into Titling Caps	Segletes	440
titlefoot	Add special material to footer of title page	Presnell	397
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	440
titlepages	Sample titlepages, and how to code them	Wilson	538
titlepic	Add picture to title page of a document	ten Cate	174
titles	Page style control	Bezoz López	322
titleref	A “\titleref” command to cross-reference section titles	Arseneau	135
titles	Titles of books, articles, etc. in L <sup>A</sup> T <sub>E</sub> X	Swift	468
titlesec	Select alternative section titles	Bezoz López	322
titletoc	Alternative headings for toc/lof/lot	Bezoz López	322
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	413
tkbibtex	A portable editor and browser for BibTeX files	Corke	185
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	319
tkhyph	Hyphenation patterns for Turkish	MacKay	332
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	464
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	339
tkz-berge	Macros for drawing graphs of graph theory	Matthes	339
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	339
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	339
tkz-fct	Tools for drawing graphs of functions	Matthes	339
tkz-graph	Draw graph-theory graphs	Matthes	339
tkz-kiviat	Draw Kiviat graphs	Matthes	339
tkz-linknodes	Link nodes in mathematical environments	Matthes	339
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	526
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	339
tkzexample	Package for the documentation of all tkz-* packages	Matthes	339
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	302
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	263
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	349
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	349
tlc3-examples	All examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, third edition	Mittelbach	349

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
TLCKockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	397
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	420
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	466
tlmgrBasics	A simplified documentation for tlmgr	Tennent	483
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	345
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	432
tmview	A DVI previewer for SVGA displays	Moor	351
to-be-determined	Highlight text passages that need further work	Bugayenko	165
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	553
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	508
tocbasic	Management of tables/lists of contents (and the like)	Kohm	298
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	413
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	199
tocenter	Centring (and other) Page Layout	Rozhenko	423
tocloft	Control table of contents, figures, etc	Robertson, Wilson	414
toctyle	Define style of Table of contents (etc) files	Kohm	298
toctvsec2	Section numbering and table of contents control	Robertson, Wilson	414
todo	Make a to-do list for a document	Garcia-De Castro	174
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	345
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	268
tokcycle	Build tools to process tokens from an input stream	Segletes	440
tokenizer	A tokenizer	Herpers	255
tolkienfonts	Use TTF "Tolkien" fonts from the WWW with pdfTeX	Barton	141
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	177
toolbox	Tool macros	Väth	512
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	208
topfloat	Move floats to the top of the page	Macchia	332
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	160
TOPletter	Letter class for the Politecnico di Torino	Torchiano	495
topsection	An un-numbered top level section	Rozhenko	423
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	145
totalcount	Commands for typesetting total values of counters	Sommerfeldt	454
totcount	Find the last value of a counter	Koutavas	300
totpages	Count pages in a document, and report last page number	Müller	354
tpcmfont	Computer modern fonts in "true point sizes"	Knuutila	294
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	254
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	314
TpX	A drawing tool for Windows	Tsyplakov	498
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	457
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	205
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	350
tracking	Adjust tracking of strings	Glazkov	229
tracklang	Language and dialect tracker	Talbot	475
trademarks	A collection of trademarks and the like	Unknown	508
trajan	Fonts from the Trajan column in Rome	Wilson	538
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
tramlines	A package for creating tramlines (lines above and below a title used by lawyers in the UK)	Granet	235
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	155
transfig	Transform xfig pictures into many other formats	Smith	451
translation-arr...	French translation of the documentation of array	Drucbert	197
translation-ars...	German version of arsclassica	Römer, Gessinger	417
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	417

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
translation-boo...	French translation of the documentation of booktabs	Drucbert	198
translation-che...	German version of chemsym	Römer, Heuke	418
translation-dco...	French translation of the documentation of dcolumn	Drucbert	198
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	418
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	329
translation-eur...	German version of europecv	Römer, Fischer	417
translation-fil...	German version of filecontents	Römer, Berndt	417
translation-foo...	A German translation of the documentation of footmisc	Römer	417
translation-mor...	German version of moreverb	Römer, Biniok	417
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	198
translation-pst...	A German translation of the documentation of pst-jtree	Römer	417
translation-tab...	French translation of the documentation of Tabbing	Drucbert	198
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X 2e packages	Niederberger	364
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	542
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	533
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	375
tree-dvips	Trees and other linguists' macros	Pease	387
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	205
treesvr	Tree macros	Vanroose	511
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	153
treetex-plain	Draw trees	Brueggemann-Klein, Wood	163
trfsigns	Typeset transform signs	Rascher	403
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
trigonometry	Demonstration code for cos and sin in T <sub>E</sub> X macros	Taylor	478
trimspaces	Trim spaces around an argument or within a macro	Robertson	411
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	542
trsym	Symbols for transformations	Holfert	260
truchet	Truchet tiling in MetaPost	Roegel	415
truecols	Colour facilities for SliTeX	Love	326
truypemetrics	Metrics for some TrueType font families	Penninga	389
TrueTypeToType42	Generate a Type 42 font from a TrueType font	Barton	142
truncate	Truncate text to a specified width	Arseneau	136
truthable	Automatically generate truth tables for given variables and statements	Flück	217
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	484
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	366
tsemelines	Support for the ancient \emline macro	Schlemmer	430
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	244
tsvtemplate	Apply a template to a tsv file	Renkema	407
tt2001	Type 1 EC fonts generated by T <sub>E</sub> Xtrace	Szabó	471
ttf-howto	Using TrueType fonts with T <sub>E</sub> X systems	Harders	248
ttf2mf	Convert True Type fonts to Metafont	Motygin	353
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	316
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siegert, Henlich	531
ttf2tex	Use TrueType fonts with teTeX	Lehman	314
ttftogf	Convert True Type fonts to GF format	Vasil'ev	512
tth	A T <sub>E</sub> X to HTML translator	Hutchinson	265
ttn	TeX and TUG news archive	Thiele	491
ttt	A Tibetan Transcript Transliterator for L <sup>A</sup> T <sub>E</sub> X	Steiner	459
tucv	Support for typesetting a CV or résumé	Louthan	325
tuda-ci	L <sup>A</sup> T <sub>E</sub> X templates of Technische Universität Darmstadt	Peischl	388
tudscr	Corporate Design of Technische Universität Dresden	Hanisch	245
tufte-latex	Document classes inspired by the work of Edward Tufte	Godby	230
tugboat-plain	Plain T <sub>E</sub> X macros for TUGboat	Beeton, Berry	147
tugboat-toc	An accumulation of TUGboat tables of contents	Beeton	147
tugboat	L <sup>A</sup> T <sub>E</sub> X macros for TUGboat articles	Fairbairns, Berry	207

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tui	Thesis style for the University of the Andes, Colombia	Vaughan	513
turabian-format...	Formatting based on Turabian's Manual	Abdool	128
turabian	Create Turabian-formatted material using L <sup>A</sup> T <sub>E</sub> X	Surber	466
turkish	L <sup>A</sup> T <sub>E</sub> X Support for Typesetting Turkish	MacKay	332
turkishintro	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Turkish	Rakhimov	402
turkmen	Babel support for Turkmen	Annagurban	132
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	163
turnthepage	Provide "turn page" instructions	Merciadri	344
TVS	TeX Versioning System	Antos	132
twcal	Calligraphic font for typesetting handwriting	Weinmann	532
tweb	A web system for T <sub>E</sub> X macro sources	Bzyl	168
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	551
twemojis	Use Twitter's open source emojis through L <sup>A</sup> T <sub>E</sub> X commands	Rossel	419
twocolumns	Knuth's two-column output macros	Knuth	294
2in1	Print two pages on a single page	Saxena	426
twoopt	Definitions with two optional arguments	Oberdiek	375
twoside	Two-side typesetting in Plain T <sub>E</sub> X	Unknown	508
twoup-gen	Macros to print two-up	Van Zandt, Voß	550
twoup1tx	Print two virtual pages on each physical page	Hansen	245
txfonts	Times-like fonts in support of mathematics	Ryu	424
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	497
txgreek	Shape selection for TX fonts Greek letters	Burnol	166
txp	Draw text along a path	Muelas	354
txt	Output documents via terminals, line printers, etc	Droms	197
txt2latex	Convert text by fixing special chars and quote marks	Miller	348
txt2tex	Add L <sup>A</sup> T <sub>E</sub> X markup to plain text	Jansons	270
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	445
type1cm	Arbitrary size font selection in L <sup>A</sup> T <sub>E</sub> X	Carlisle	171
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	521
typearea	Set page margins	Kohm, Neukam	298
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in L <sup>A</sup> T <sub>E</sub> X	Grewe	239
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	441
typeface	Select a balanced set of fonts	Jones	273
typehtml	Typeset HTML directly from L <sup>A</sup> T <sub>E</sub> X	Carlisle	171
typeoutfileinfo	Display class/package/file information	Lück	328
typespec	Create font samplers	Moye	354
typewriter	Typeset with a randomly variable monospace font	Carlisle	171
typicons	Font containing a set of web-related icons	Vigil	518
typoaid	Macros for font diagnostics	Ratti	404
typografie	A tutorial on typography	Reichert	406
typogrid	Print a typographic grid	Harders	248
tzplot	Plot graphs with TikZ abbreviations	Cho	180
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	395
uaclasses	University of Arizona thesis and dissertation format	Oliver	377
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	260
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	187
uassign	Environments and options for typesetting university assignments	Esau	206
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	549
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	520
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	439
ucharcat	Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX	Carlisle	171
ucharclasses	Font actions in XeTeX according to what is being processed	Kamermans	276
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	271



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ucsmonograph	Typesetting academic documents from the University of Caxias do Sul	Baron	140
ucthesis	University of California thesis format	Gildea	227
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	356
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	163
udesoftec	Thesis class for the University of Duisburg-Essen	Schuler	437
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	129
uestcthesis	Thesis class for UESTC	Fujun	222
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	222
ugarite	Fonts for Ugaritic cuneiform script	Wilson	538
ugaritic	A font for Ugaritic	Stanier	458
uhc	Fonts for the Korean language	Un	500
uhassignment	A document class for typesetting homework assignments	Wittenburg	539
uhrzeit	Time printing, in German	Meltzer	344
uhthesis	University of Houston thesis document style	Georgakopoulos	225
uiucredborder	Class for UIUC thesis red-bordered forms	Pakin	382
uiucthesis	UIUC thesis class	Czoschke, Hull	187
ukbill	A class for typesetting UK legislation	Granet	235
ukdate	Typeset date in a UK-ish form	Clark	181
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	542
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	447
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	508
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	499
ulem	Package for underlining	Arseneau	136
ulqda	Support of Qualitative Data Analysis	Griffin	239
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	230
ulsy	Extra mathematical characters	Goldschmitt	230
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	310
Ultra-TeX	An emacs T <sub>E</sub> X mode with "lightning completion"	Palmieri	383
umclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	190
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	286
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	229
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	454
umoline	Underline text allowing line breaking	Nakashima	359
umrand	Package for fancy box frames	Schrell, Hörstmeier	435
umthesis	Dissertations at the University of Michigan	Felty	210
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	469
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	154
unamth-template	UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template	Velázquez	513
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	220
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	211
uncial	Uncial manuscript book-hand font	Wilson	538
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	250
underlin-generic	Multi-word underlining	Gildea	227
underlin	Underlined running heads	Schöpf	435
underoverlap	Position decorations over and under expressions	Helvensteijn	252
underscore	Control the behaviour of " _ " in text	Arseneau	136
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	508
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	143
undolabl	Override existing labels	Münch	355
undump	Make a new executable with format loaded	Thomas	492
unfinished	Mark unfinished parts of a document	Unknown	508

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
unfonts-core	TrueType version of Un-fonts	Un	500
unfonts-extra	TrueType version of Un-fonts	Un	500
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	298
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	188
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	188
unicode-alphabets	Macros for using characters from Unicode's Private Use Area	Eriksen	206
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub	282
unicode-data	Unicode data and loaders for T <sub>E</sub> X	Organisation Wright, L <sup>A</sup> T <sub>E</sub> X Team	542
unicode-math-input	Allow entering Unicode symbols in math formulas	user202729	510
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	411
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	271
unicodefonttable	A Unicode font table generator	Mittelbach	349
UniFiTh	Typeset theses for University of Florence (Italy)	Biccari	151
unifront	Give notes a unique front page for every chapter and section	Wei	532
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	388
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	552
uninormalize	Unicode normalization support	Hoftich	260
uniquecounter	Provides unlimited unique counter	Oberdiek	375
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	508
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	227
unitconv	Convert a length into one with another unit	Voß	525
unitipa	TIPA typefaces with Unicode characters as input	Unknown	508
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	400
units	Typeset units	Reichert	406
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	245
universa	Herbert Bayer's 'universal' font	Holm Christensen	180
universalis	Universalis font, with support	Tennent	483
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	455
unixman	Typeset to look like Unix man output	Barton-Davis	142
unizgklasa	A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb	Milin	347
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	342
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	491
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	216
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	343
unswthesis	UNSW theses	Zaitseff	549
untex	Strip (La)TeX commands from source file	Staats, Endisch	456
uol-physics-report	A L <sup>A</sup> T <sub>E</sub> X document class for writing lab reports	Suchard	466
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	132
uowthesis	Document class for dissertations at the University of Wollongong	Ye	548
uowthesisistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	239
upca	Print UPC-A barcodes	Mrkus	354
upgreek	Upright Greek letters	Schmidt, Harcombe	432
uplatex	pLaTeX2e and miscellaneous macros for upTeX	Maeda, Japanese T <sub>E</sub> X Team	334
upmendex	Multilingual index processor	Tanaka	476
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	223
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	282
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	186
upref	Ensure references are upright	The AMS	485

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
uptex-base	Plain T <sub>E</sub> X formats and documents for upT <sub>E</sub> X	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	334
uptex-fonts	Fonts for use with upT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	334
uptex	Unicode version of pT <sub>E</sub> X	Tanaka	476
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pT <sub>E</sub> X	Zhang	552
urcls	Beamer and scrlltr2 classes and styles for the University of Regensburg	Peischl	388
uri	Hyperlinks for a wide range of URIs	Münch	355
url	Verbatim with URL-sensitive line breaks	Arseneau	136
urlbst	Web support for BibT <sub>E</sub> X	Gray	236
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	510
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	510
URW-base35	URW ‘Base 35’ font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	509
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	432
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	510
urw	URW free font support	URW GmbH	509
urwchancal	Use URW’s clone of Zapf Chancery as a maths alphabet	Sharpe	445
urwvf	Support for use of free URW fonts	Wierzbicki	534
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	182
usebib	A simple bibliography processor	Gregorio	238
usenix	Style option to do Usenix conference proceedings	Steiner	459
ushort	Shorter (and longer) underlines and underbars	Väth	512
ushyph	US hyphenation patterns	Kuiken	305
uspace	Giving meaning to various Unicode space characters	Haisman	243
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	398
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	490
ut-backref	Modified backref	Utcke	510
ut-thesis	University of Toronto thesis style	Pitt, Knight	394
utexasthesis	University of Texas at Austin graduate thesis style	Brown	162
utf2any	Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc	Kleiweg	289
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	274
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	168
utfsym	Provides various Unicode symbols	Spittank	455
util-half	A half-tone font	Unknown	508
utopia	Adobe Utopia fonts	Adobe	128
utorontothesis	A thesis class definition for University of Toronto	Bernecky	150
utthesis	Thesis package for the University of Texas at Austin	Das	190
uvaletter	Unofficial letterhead template for the University of Amsterdam	Piazzai	390
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	392
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	392
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	392
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	392
uwmslide	Slides with a simple Power Point like appearance	Benedict	149
uwthesis	University of Washington thesis class	Fox	218
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	218
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	328
vak	BibT <sub>E</sub> X style for Russian Theses, books, etc	Melnikov	344
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	147

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	283
variations	Typeset tables of variations of functions	Obrecht	375
varindent	Make paragraph indentation match the length of the line above	Arseneau	136
varindex	Luxury frontend to the <code>\index</code> command	Väth	512
varioref	Intelligent page references	Mittelbach	349
varisize	Change font size in Plain $\TeX$	Hosek	262
varsects	A simple package for controlling headings	Taupin	477
varsfromjobname	Extract variables from the name of the $\LaTeX$ file	Ziegenhagen	553
varwidth	A variable-width minipage	Arseneau	136
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	320
vc	The vc (version control) bundle	Hennig, Hieber	255
vcell	Vertical alignment of content inside table cells	Dionne	194
vdm	Typesetting VDM schemas	Wolczko	539
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	311
vector	$\LaTeX$ macros for vectors	Efford	202
venn	Creating Venn diagrams with MetaPost	Hefferon	250
venndiagram	Creating Venn diagrams with TikZ	Talbot	475
venturisADF	Venturis ADF fonts collection	Harendal, Rees	248
verbasef	VERBatim Automatic Splitting of External Files	Thompson	492
verbatim-gen	Generic macros for setting text verbatim	Taylor	478
verbatim-pln	Define new verbatim "environments" in Plain $\TeX$	Unknown	509
verbatim-tub	Plain $\TeX$ macros for verbatim	Beeton	147
verbatim	Reimplementation of and extensions to $\LaTeX$ verbatim	Schöpf, $\LaTeX$ Team	435
verbatimbox	Deposit verbatim text in a box	Segletes	440
verbatimcopy	Make copies of text documents from within $\LaTeX$	Madsen, Diez	333
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	208
verbinp	"8-bit" verbatim	Perske	389
verbments	Syntax highlighting of source code in $\LaTeX$ documents	Zivković	553
verbtex	Verbatim, interpreting non-ascii text	Perske	389
verbtim2	Verbatim listings in Plain $\TeX$	Morgan	352
verdana	Macros and metrics for using Verdana with $\LaTeX$	Daems	187
verifica	Typeset (Italian high school) exercises	Dossena	196
verifiche	A $\LaTeX$ package to typeset (Italian) high school tests	Raccanello	399
verse	Aids for typesetting simple verse	Robertson, Wilson	414
version	Conditionally include text	Bellantoni, Arseneau	148
versions	Optionally omit pieces of text	Lück	328
versionotes	Display brief notes on verso pages	Gray	236
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	414
vertex	Styles for economics working papers and journals	Varian	512
vf-howto	Tutorial on creating virtual fonts	Schmitz	433
vf-knuth	Knuth on virtual fonts	Knuth	294
vfcomb	VF author support	Berdnikov	149
vfinst	Virtual font installation support	Hoening	258
vfware	Tools for virtual font metrics	Knuth	294
vgrid	Overlay a grid on the printed page	Lawrence	311
vhistory	Support for creating a change log	Wertenuer	533
vicentino	Vicentino fonts	Kraml, Kilfiger	300
vietnet	Preprocessor and macros for Vietnamese	Tran	496
viipart	7pt-article class	Zadka	549
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	553
vispeech	Using Bell's Visible Speech alphabet	Shoulson	447
visualFAQ-fr	FAQ $\LaTeX$ visuelle francophone	Just	275
visualFAQ	A Visual $\LaTeX$ FAQ	Pakin	383
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	173
visualtex	A $\TeX$ -oriented visual editor for Windows platforms	Romanenko	417

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	173
vita	Configurable class for curricula vitarum	Brodnik	161
vita209	A Curriculum Vitae style	Border	156
vmargin	Set various page dimensions	Kuhlmann	304
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	208
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	291
vnTeX-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	300
vnTeX	Support for Vietnamese	Thành, Lemberg, Kotucha	484
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Verweridis	514
volumes	Typeset only parts of a document, with complete indexes etc	Küster	306
voss-mathcol	Typesetting mathematics in colour, in (La)T <sub>E</sub> X	Voß	525
voss-mathmode	A comprehensive review of mathematics in (La)T <sub>E</sub> X	Voß	525
vowel	Draw vowel charts for phonetic research	Rei	405
vpage	Set page sizes	Kuhlmann	304
vpe	Source specials for PDF output	Oberdiek	375
vputils	Manipulate (virtual) property lists	Duggan	199
vpp	View and (selectively) Print PDF and PostScript	Dekker	191
vrB	Verbatim macros in plain T <sub>E</sub> X	van der Laan	307
vrBexin	Verbatim input support	Thompson	492
vrBion	Add version number to a DVI file	Dahlgren	188
vruler	Numbering text	Jiang	272
VSLiTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	295
vtable	Vertical alignment of table cells	Paciorek	380
VTeX/Free	T <sub>E</sub> X system and PDF support for Linux and OS/2	MicroPress	345
vtex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	539
vvcode	Reliable encoder for binary files via email	Kempson	280
vwcol	Variable-width multiple text columns	Robertson	411
vxu	Document classes for Vaxjo University	Nyqvist	368
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	432
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	276
wadalab	Wadalab (Japanese) font packages	Lemberg	316
wallcalendar	A wall calendar class with custom layouts	Bhikkhu	151
wallpaper	Easy addition of wallpapers (background images) to L <sup>A</sup> T <sub>E</sub> X documents, including tiling	Wilkinson	535
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	180
warning	Global warnings at the end of the logfile	Harders	248
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	414
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	432
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	257
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	528
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	283
watermark	Draw "watermarks" on the output page	Rozhenko	423
weave	Generate T <sub>E</sub> X source from web	Knuth	294
web	The original literate programming system	Knuth	294
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	531
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	424
web9pt	Nine-point web listings	Unknown	509
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	233
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	396
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	538
webmacss	Use sans serif font in Web listings	Unknown	509
webomints	Webomints font support	Loreti	325
WebQuiz	Write interactive web based quizzes	Mathas	338
weekday	Generate "day of week"	Vulis	527



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
wheelchart	Draw wheelcharts with TikZ	Floré	216
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	383
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	534
widetable	An environment for typesetting tables of specified width	Beccari	145
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	349
wiggly	Draw wiggly lines under text	Garavelli	224
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	328
williams	Miscellaneous macros by Peter Williams	Williams	535
willowtreebook	Easy basic book class, built on memoir	McKay	342
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	300
window	Create windows in paragraphs	Schalück	427
windvi	MS-Windows DVI viewer	Popineau	396
windycity	A Chicago style for BibLaTeX	Chase	176
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	449
winemtex	EmTeX for windows	Unknown	509
Winfonts	Use fonts distributed with Windows XP	Pichaureau	390
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	406
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	154
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	354
withargs	In-place argument substitution	Helvensteijn	252
witharrows	“Aligned” math environments with arrows for comments	Pantigny	384
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	149
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	354
wmf2eps	Windows metafile conversion	Schulter	437
wmf2epsc	Windows metafile conversion	Schulter	437
wncyr	University of Washington cyrillic fonts	The AMS	486
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	383
wnri	Ridgeway’s fonts	Ridgeway, Pandey	408
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	509
wochtag	Generate the German weekday name for a date	Schrell	435
Woff2OT	Woff to OpenType converter	Frane Jr	275
word2latex	A translator from MS Word to L <sup>A</sup> T <sub>E</sub> X documents	de Boer	154
word2tex	Convert T <sub>E</sub> X/MSWord to L <sup>A</sup> T <sub>E</sub> X	Chikrii	179
word2x	Word 6 format converter	Simpson	449
wordcloud	Drawing wordclouds with MetaPost and Lua	Chupin	181
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	196
wordle	Create wordle grids	Pierquet	392
wordlike	Simulating word processor layout	Fenn	211
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	189
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	539
worksheet	Easy creation of worksheets	Zöllner	554
worldflags	Drawing flags with TikZ	Haager	242
wotree	Draw Warnier/Orr diagrams	Gurari	242
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtik	217
wrapfig	Produces figures which text can flow around	Arseneau	136
wrapfig2	Wrap text around figures	Beccari	145
wrapstuff	Wrapping text around stuff	Lee	312
wright	Define commands with optional arguments	Unknown	509
WriteOnGrid	Write on grid lines	Pierquet	392
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	451
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	418
wsuipa	International Phonetic Alphabet fonts	Guenther	240
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	289
WTRef	Extend L <sup>A</sup> T <sub>E</sub> X’s cross-reference system	Asakura	136

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	388
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	509
xassocnt	Associated counters stepping simultaneously	Hupfer	264
xbibfile	Create and search BibTeX databases	Maloney	335
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	280
xbmks	Create a cross-document bookmark tree	Story	464
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	216
XCharter	Extension of Bitstream Charter fonts	Sharpe	445
xcite	Use citation keys from a different document	Gregorio	238
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	312
xcmr	A crossed-out version of Computer Modern	Unknown	509
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	264
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	490
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	378
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	186
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	280
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	550
xcookybooky	Typeset (potentially long) recipes	Harder	246
xcpdftips	Natbib citations with PDF tooltips	Kocic	295
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	252
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	399
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	509
xdvi	A DVI previewer for the X Window System	Vojta	520
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	404
xexchangebar	An extension of package exchangebar that can be used with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	469
xecjk	Support for CJK documents in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	313
xecolor	Support for color in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
xecolour	Support for colour in X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	282
xecyr	Using Cyrillic languages in XeTeX	Shipunov	446
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	469
xeindex	Automatic index generation for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	267
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	232
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	353
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	282
xesearch	A string finder for XeTeX	Isambert, Robbers	267
xesoul	Use the soul package with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	469
xespotcolor	Spot colours support for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	470
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	332
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	174
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	351
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	459
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	470
xetex-itrans	Itrans input maps for use with X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	128
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	446
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	459
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	280
xetexfontinfo	Report font features in XeTeX	Kew	280
xetexko	Typeset Korean with Xe(La)TeX	Kim	284

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
XeTeXref	Reference documentation of XeTeX	Robertson, Berry	411
xevlna	Insert non-breakable spaces using XeTeX	Wagner	528
xfakebold	Fake a regular font for bold characters	Voß	525
xfig	XWindows vector drawing program	Smith	451
xfor	A reimplementaion of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	475
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	490
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2e*	Høgholm, Madsen, Robert- son, Wright	260
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	490
xgreek	Greek Language Support for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	470
xhfill	Extending \hrulefill	Voß	525
xifthen	Extended conditional commands	Noirel	366
xii-lat	Christmas silliness (Latin)	Carlisle	171
xii	Christmas silliness (English)	Carlisle	171
xindex	Unicode-compatible index generation	Voß	525
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	282
xindy	A general-purpose index processor	Kehr, Schrod	279
xint	Expandable operations on long numbers	Burnol	166
xintsession	Interactive computing sessions (fractions, floating points, polynomi- als)	Burnol	166
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	456
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	262
xkcdcolors	xkcd names of colors	Giannetti	226
xkeyval	Extension of the keyval package	Adriaens	128
xkvltxp	Provision for expandable macros in package options	Adriaens	128
xkvview	Xkeyval viewer	Adriaens	129
xl2latex	Convert Excel (97 and above) tables to L <sup>A</sup> T <sub>E</sub> X tabulars	Buchmann	163
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	196
xlop	Calculates and displays arithmetic operations	Charpentier	175
xltablear	Longtable support with possible X-column specifier	Voß, Niepraschk	526
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	411
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	455
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	284
xmltex	Support for parsing XML documents	Carlisle	171
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	452
xmthesis	XMU thesis style	Cao	169
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	366
xoptarg	Expandable macros that take an optional argument	Noirel	367
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	490
xpatch	Extending etoolbox patching commands	Gregorio	238
xpdf	Viewing and manipulating PDF files	Noonburg	367
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	193
xpeek	Define commands that peek ahead in the input stream	Salomon	425
xpiano	An extension of the piano package	Gregorio	238
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	222
xpinyin	Automatically add pinyin to Chinese characters	Lee	312
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	263
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	403
xq	Support for writing about xiangqi	Weinhold, Pipping	532
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	172
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	171

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xrefwarn	Only one warning for an undefined citation	Verwer	514
xsavbox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	234
xsim	eXercise Sheets IMproved	Niederberger	364
xskak	An extension to the skak package for chess typesetting	Fischer	215
xspace	Define commands that appear not to eat spaces	Carlisle, Høgholm, L <sup>A</sup> T <sub>E</sub> X Team	171
xstring	String manipulation for (La)TeX	Tellechea	479
xtab	Break tables across pages	Robertson, Wilson	414
xtcpts	Defining language-dependent text macros	Fricke	220
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	309
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	490
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	450
XteXShell	A shell/editor	Hofmann	259
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	424
xtuthesis	XTU thesis template	Dongdong	195
xunicode	Generate Unicode characters from accented glyphs	Moore	351
xurl	Allow URL breaks at any alphanumeric character	Voß	525
xwatermark	Graphics and text watermarks on selected pages	Musa	359
xwpick	Pick an image from an X display	Chernyaev	177
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	520
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	418
xymtex	Typesetting chemical structures	Fujita	222
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	168
xypic	Flexible diagramming macros	Rose, Moore	418
xytree	Tree macros using XY-Pic	Un	500
<b>YYYYY</b>			
yacco2	Multi-threaded LR(1) compiler/compiler that emits literate grammar documents	Bone	155
yafoot	A bundle of miscellaneous footnote packages	Nakashima	360
yagusylo	A symbol loader	Henel	254
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	232
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	207
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	332
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	246
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	152
yax	Yet Another Key System	Isambert, Robbers	267
yazd-thesis	A template for the Yazd University	Damanafshan	189
ybook	Template for YB Branded Books	Bugayenko	165
ycbook	A versatile book class	Cherem	177
ydoc	Macros for documentation of L <sup>A</sup> T <sub>E</sub> X classes and packages	Scharrer	429
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	352
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	216
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	162
yfonts	Support for old German fonts	Schmidt, Preining	433
yfrak	Old German Fraktur font	Haralambous	246
ygoth	Old German Gothic font	Haralambous	246
yhmth	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	246
yi4latex	Yi (Southern Chinese) support	Corff	184
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	435
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	246
yinit	Old German decorative initials	Haralambous	246

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
york-thesis	A thesis class file for York University, Toronto	Gall	223
young	Young tableaux	Knappen, Wormer	292
youngtab	Typeset Young-Tableaux	Börchers	156
yplan	Daily planner type calendar	Nickalls, Harders	362
yquant	Typesetting quantum circuits in a human-readable language	Desef	192
yswab	Old German Schwabacher font	Haralambous	246
yt4pdf	Play YouTube videos in a PDF	Story	464
ytableau	Many-featured Young tableaux and Young diagrams	Reich	405
ytex	Macro package developed at MIT	Brotsky	162
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	509
zahl2string	Format numbers as German words	Sauer	426
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	346
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	146
zebra-goodies	A collection of handy macros for paper writing	Xue	544
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	190
zed	Typeset Z specifications	Spivey	455
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	222
zennote	Streamline your note-taking process!	Liang	317
zero	Start list (etc.) numbering at zero	Verhoeff	513
zhlineskip	Line spacing for CJK documents	Zhang	551
zhlipsum	Chinese dummy text	Zeng	551
zhmakeindex	Makeindex replacement for Chinese users	Liu	319
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	319
zhmetrics-uptex	Chinese font metrics for upT <sub>E</sub> X	Liu	319
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	530
zhnumber	Typeset Chinese representations of numbers	Lee	312
zhspacing	Spacing for mixed CJK-English documents in XeT <sub>E</sub> X	Dian, Lee	193
ziffer	Conversion of punctuation in maths mode	Väth	512
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	307
zip	Barcodes for USA ZIP code	Smith	451
zitie	Create CJK character calligraphy practicing sheets	Unknown	509
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	445
zootaxa-bst	A BibT <sub>E</sub> X style for the journal Zootaxa	Ballen	139
zref-check	Flexible cross-references with contextual checks based on zref	Barros	141
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	141
zref-vario	Extended L <sup>A</sup> T <sub>E</sub> X page cross-references with varioref and zref-clever	Barros	141
zref	A new reference scheme for L <sup>A</sup> T <sub>E</sub> X	Oberdiek	375
zwgetfdate	Get package or file date	Wagner	528
zwpagelayout	Page layout and crop-marks	Wagner	528
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	183
zxjafbfont	Fallback CJK font support for xeCJK	Yato	547
ZXjafont	Set up Japanese font families for X <sub>2</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	547
ZXjatype	Standard conforming typesetting of Japanese, for X <sub>2</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	547
ZzT <sub>E</sub> X	A full-featured T <sub>E</sub> X macro package for producing books, journals, and manuals	Anagnostopoulos	132

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

— *The fancyhdrboxed package. Elaborate page headers, specified in a non-L<sup>A</sup>T<sub>E</sub>X 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>

— *The grapher package. Create graphs, state machine and data flow diagrams*. 2016-06-24. LICENSE: other-free. Grapher is a python script; you provide it with a specification (in python) of a diagram, and grapher emits code that can be translated to L<sup>A</sup>T<sub>E</sub>X and used to typeset the diagram in your document.

- URL: <https://ctan.org/pkg/grapher>  
MIRROR: <https://mirror.ctan.org/support/grapher>
- Algaba, Manuel Gutierrez. *The TeEncontreX package. Help for users of T<sub>E</sub>X and L<sub>A</sub>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<sub>A</sub>T<sub>E</sub>X*. 2019-11-14. Version 1.1. LICENSE: other-free. A small set of utilities for doing documentation in L<sub>A</sub>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<sub>A</sub>T<sub>E</sub>X-modified code, so you can write sections in a relative way; and , a L<sub>A</sub>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>
- All, Timothy and Evan Cochrane. *The luacas package. A computer algebra system for users of LuaLaTeX*. 2023-05-30. Version 1.0.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luacas>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacas>
- 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*. 2023-08-26. Version 1.82. 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>
- Alshahrani, Mohammed. *The kfupm-math-exam package. A L<sub>A</sub>T<sub>E</sub>X document style to produce homework, quiz and exam papers*. 2022-07-31. Version 0.1.0. LICENSE: mit  
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<sub>A</sub>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>
- Amberg, Brian. *The dprogress package. LaTeX-relevant log information for debugging*. 2016-06-24. Version 0.1. LICENSE: lppl  
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>



- Amintoosi, Mahmood. *The persian-bib package. Persian translations of classic BibTeX styles.* 2016-06-24. Version 0.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/persian-bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/persian-bib>
- Ammers, Eric W. Van and Mark R. Kramer. *The clip package. A language-independent literate programming tool.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/clip>  
 MIRROR: <https://mirror.ctan.org/web/clip>
- Anagnostopoulos, Paul C. *The ZzTeX package. A full-featured T<sub>E</sub>X macro package for producing books, journals, and manuals.* 2020-07-20. Version 17.7. LICENSE: mit  
 URL: <https://ctan.org/pkg/zztex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/zztex>
- Anderson, Michael. *The uothesis package. Class for dissertations and theses at the University of Oregon.* 2016-06-24. Version 2.5.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uothesis>
- Andrews, Avery D. *The lingtrees package. Linguistics trees preprocessor and macros.* 2018-09-15. LICENSE: lppl. LingTrees is a package for formatting linguistics trees, consisting of a preprocessor that converts an indented list format into L<sup>A</sup>T<sub>E</sub>X macros, and some macros for doing the layout and line drawing. The line drawing may be done either by or by (PSTricks gives the user more functionality).  
 URL: <https://ctan.org/pkg/lingtrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/LingTrees>
- Andrews, Phil. *The gplot package. CGM-based graphics support.* 2019-02-03. Version 4.3b2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gplot>  
 MIRROR: <https://mirror.ctan.org/support/gplot>
- Andronic, Liviu. *The frletter package. Typeset letters in the French style.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/frletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frletter>
- Angulo, Pablo. *The texsurgery package. A L<sup>A</sup>T<sub>E</sub>X companion to the “texsurgery” python project.* 2021-07-13. Version 0.6.0. LICENSE: bsd3. This L<sup>A</sup>T<sub>E</sub>X library is a companion to the . It will make sure that “” will work, with reasonable defaults, for a document that is intended to work with , and also has other uses, always in tandem with the package.  
 URL: <https://ctan.org/pkg/texsurgery>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/texsurgery>
- 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  
 URL: <https://ctan.org/pkg/statmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statmath>
- Annagurban, Nazar. *The turkmen package. Babel support for Turkmen.* 2016-06-24. Version 0.2. LICENSE: lppl. The package provides support for Turkmen in , but integration with babel is not available.  
 URL: <https://ctan.org/pkg/turkmen>  
 MIRROR: <https://mirror.ctan.org/language/turkmen>
- Antman, Peter. *The oxford package. A BibTeX style geared for use in the humanities.* 2016-06-24. LICENSE: nosell. The style implements the Oxford style interpreted through the eye of a Swede working in the field of the history of ideas. It is based on and a heavily hacked bst-file generated with custom-bib. It currently only supports and and only in abbreviation mode.  
 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/latex/209/contrib/misc/calorie.sty>
- Aplevich, Dwight. *The circuit-macros package. M4 macros for electric circuit diagrams.* 2023-05-31. Version 10.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/circuit-macros>  
 MIRROR: [https://mirror.ctan.org/graphics/circuit\\_macros](https://mirror.ctan.org/graphics/circuit_macros)
- Appelt, Wolfgang. *The knit package. Tangle and weave with multiple change files.* 2016-06-24. Version 2.7. LICENSE: noinfo. Knit and twist are represented as change files from and (respectively). In each case, they act in the same way as the parent program, but



- can process more than one change file at the same time.  
 URL: <https://ctan.org/pkg/knit>  
 MIRROR: <https://mirror.ctan.org/web/knit>
- Arapura, Donu. *The Array Maker package. A program for making L<sup>A</sup>T<sub>E</sub>X and xypic arrays*. 2016-06-24. LICENSE: other-free. This program is designed to take some of the tedium out of constructing arrays, diagrams and tables. L<sup>A</sup>T<sub>E</sub>X code is entered into boxes and the program outputs an array that can be pasted into a L<sup>A</sup>T<sub>E</sub>X file. This is written in ( $\geq 8.0$ ) (most Unix/Linux systems have ).  
 URL: <https://ctan.org/pkg/arraymaker>  
 MIRROR: <https://mirror.ctan.org/support/arraymaker>
- Arata, Mizuki. *The cluttex package. An automation tool for running L<sup>A</sup>T<sub>E</sub>X*. 2021-11-05. Version 0.5.1. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/cluttex>  
 MIRROR: <https://mirror.ctan.org/support/cluttex>
- Araujo, Lauro César. *The abntex2 package. Typeset technical and scientific Brazilian documents based on ABNT rules*. 2018-11-25. Version 1.9.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/abntex2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>
- Arcis, Diego. *The strands package. Draw objects constructed from strands*. 2021-07-12. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/strands>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/strands>
- Arellano, Gonzalo Medina. *The background package. Placement of background material on pages of a document*. 2018-01-06. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/background>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/background>
- *The fancypar package. Decoration of individual paragraphs*. 2021-04-17. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fancypar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancypar>
- Argañaraz, Gustavo Sebastián Bustamante. *The MakeCirc package. A MetaPost library for drawing electrical circuit diagrams*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/makecirc>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>
- Árnason, Einar, Johannes L. Braams, and Javier Bezos López. *The babel-icelandic package. Babel support for Icelandic*. 2019-07-04. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-icelandic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>
- Arnold, Jeffrey B. *The lstbayes package. Listings language driver for Bayesian modeling languages*. 2018-07-07. LICENSE: lppl1.3. The package provides language drivers for the package for several languages not included in that package: BUGS, JAGS, and Stan.  
 URL: <https://ctan.org/pkg/lstbayes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayes>
- Arnold, Tim. *The longfigure package. Provides a figure-like environment that break over pages*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/longfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
- *The statrep package. Displays SAS code and results of running the code*. 2017-04-18. Version 1.07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/statrep>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
- Arriba, Jose Luis Diaz de and Javier Bezos López. *The gloss package. Create glossaries using BibT<sub>E</sub>X*. 2016-06-24. Version 1.5.2. LICENSE: lppl. A glossary package using BibT<sub>E</sub>X with replaced by .  
 URL: <https://ctan.org/pkg/gloss>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
- Arrouye, Yves. *The mkpkfontdir package. Manipulate TDS directories for PK fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mkpkfontdir>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
- Arseneau, Donald. *The braket package. Dirac bra-ket and set notations*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/braket>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braket>

- *The cancel package*. Place lines through maths formulae. 2016-06-24. Version 2.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/cancel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>
- 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: lppl  
 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>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underscore>
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URL: <https://ctan.org/pkg/postnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
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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*. 2023-08-14. Version 0.4.2. 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*. 2023-08-15. Version 0.1.9. 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>

Bartels, Friedemann. *The pagelayout package. Layout graphic rich documents*. 2023-03-06. Version 1.0.4. LICENSE: lppl1.3c

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

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

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/lbt2bib>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/lbt2bib>

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 `ps`, that will read a TrueType font and produce an Adobe Type 42 (PFA) font as output.  
 URL: <https://ctan.org/pkg/truetypeTOTYPE42>  
 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 jupyterotex 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/jupyterotex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jupyterotex>
- 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.* 2023-01-10. LICENSE: lppl1.3. 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 `lua`, 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)TeX 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*. 2023-06-18. Version 2.6. 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 T<sub>E</sub>X'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: lpp1  
 URL: <https://ctan.org/pkg/ar>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ar>
- *The aspectratio package. Capital A and capital R ligature for Aspect Ratio*. 2016-06-24. Version 2.0. LICENSE: lpp1  
 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: lpp1.3. 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: lpp1.3. The package provides the language definition file for support of Piedmontese in . Some shortcuts are defined, as well as translations to Piedmontese of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-piedmontese>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>
  - *The babel-romansh package. Babel/Polyglossia support for the Romansh language*. 2016-06-24. LICENSE: lpp1.3. The package provides a language description file that enables support of Romansh either with or with .  
 URL: <https://ctan.org/pkg/babel-romansh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
  - *The begingreek package. Greek environment to be used with pdfLaTeX only*. 2022-05-16. Version 1.7. LICENSE: lpp1.3c. This simple package defines a greek environment to be used with pdfLaTeX only, that accepts an optional Greek font family name to type its contents with. A similar command does a similar action for shorter texts.  
 URL: <https://ctan.org/pkg/begingreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begingreek>
  - *The canoniclayout package. Create canonical page layouts with memoir*. 2022-11-01. Version 1.0. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/canoniclayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/canoniclayout>
  - *The cbfonts-fd package. LaTeX font description files for the CB Greek fonts*. 2019-07-18. Version 1.2. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/cbfonts-fd>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>
  - *The codicifiscaleitaliano package. Test the consistency of the Italian personal Fiscal Code*. 2016-06-24. Version 1.2. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/codicifiscaleitaliano>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codicifiscaleitaliano>
  - *The curve2e package. Extensions for package pict2e*. 2023-07-10. Version 2.3.1. LICENSE: lpp1.3c. The package extends the drawing capacities of the that serves as a LaTeX2e replacement for picture mode. In particular, curve2e introduces new macros for lines and vectors, new specifications for line terminations and joins, arcs with any angular aperture, arcs with arrows at one or both ends, generic curves specified with their nodes and the tangent direction at these nodes.  
 URL: <https://ctan.org/pkg/curve2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curve2e>
  - *The ecclesiastic package. Typesetting Ecclesiastic Latin*. 2016-06-24. Version 0.3. LICENSE: lpp1.3. The package modifies the way the option to operates when typesetting Latin. The style is somewhat ‘frenchified’ in respect of punctuation spacings and footnote style; shortcuts are available in order to set accents on all vowels, including y and the diphthongs ae and oe.  
 URL: <https://ctan.org/pkg/ecclesiastic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecclesiastic>
  - *The euclideangeometry package. Draw geometrical constructions*. 2023-07-11. Version 0.2.2. LICENSE: lpp1.3c  
 URL: <https://ctan.org/pkg/euclideangeometry>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euclideangeometry>
  - *The fixltxhyph package. Allow hyphenation of partially-emphasised substrings*. 2016-06-24. Version 0.4. LICENSE: lpp1.3  
 URL: <https://ctan.org/pkg/fixltxhyph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixltxhyph>
  - *The ithyph package. Hyphenation patterns for the Italian language*. 2018-10-09. Version 4.8g. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/ithyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ithyph.tex>

- Beccari, Claudio. *The lahyph package. Hyphenation patterns for the Latin language*. 2016-11-05. Version 3.1. LICENSE: lpl  
 URL: <https://ctan.org/pkg/lahyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/lahyph.tex>
- *The latin package. Latin language definition for Babel*. 2016-06-24. Version 2/0f. LICENSE: lpl  
 URL: <https://ctan.org/pkg/latin>  
 MIRROR: <https://mirror.ctan.org/language/latin>
  - *The Lxfonts package. Set of slide fonts based on CM*. 2016-06-24. Version 2.0b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/lxfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/lxfonts>
  - *The pm-isomath package. Poor man ISO math for pdfL<sup>A</sup>T<sub>E</sub>X users*. 2021-08-26. Version 1.2.00. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/pm-isomath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pm-isomath>
  - *The swfigure package. Insert large images that do not fit into a single page*. 2022-05-07. Version 0.9.20. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/swfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swfigure>
  - *The testhyphens package. Testing hyphenation patterns*. 2016-06-24. Version 0.7. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/testhyphens>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testhyphens>
  - *The teubner package. Philological typesetting of classical Greek*. 2023-08-26. Version 5.8.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/teubner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/teubner>
  - *The TOPtesi package. Bundle for typesetting multilanguage theses*. 2020-09-06. Version 6.4.06. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/toptesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
  - *The widetable package. An environment for typesetting tables of specified width*. 2020-01-15. Version 2.1. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/widetable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/widetable>
  - *The wrapfig2 package. Wrap text around figures*. 2023-02-23. Version 6.1.1. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/wrapfig2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>
- Beccari, Claudio and Enrico Gregorio. *The imakeidx package. A package for producing multiple indexes*. 2016-10-15. Version 1.3e. LICENSE: lpl1.3. The package enables the user to produce and typeset one or more indexes simultaneously with a document. The package is known to work in L<sup>A</sup>T<sub>E</sub>X documents processed with pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX. If is used for processing the index entries, no particular setting up is needed when T<sub>E</sub>X Live is used. Using or other programs it is necessary to enable shell escape; shell escape is also needed if is used.  
 URL: <https://ctan.org/pkg/imakeidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imakeidx>
- Beccari, Claudio and Serge Rosmorduc. *The cbcoptic package. Coptic fonts and L<sup>A</sup>T<sub>E</sub>X macros for general usage and for philology*. 2017-10-29. Version 0.2. LICENSE: lpl. CBcoptic is a bundle of files for typesetting Coptic philological text with the proper fonts and hyphenation. The fonts are based on, but much extend, the fonts of the original bundle. The CBcoptic bundle includes font description files, Metafont sources and equivalent Adobe Type 1 fonts in pfb format. The bundle also includes a package that provides some macros of philological interest.  
 URL: <https://ctan.org/pkg/cbcoptic>  
 MIRROR: <https://mirror.ctan.org/language/coptic/cbcoptic>
- Beccari, Claudio and Apostolos Syropoulos. *The cbgreek-complete package. Complete set of Greek fonts*. 2019-07-18. LICENSE: lpl  
 URL: <https://ctan.org/pkg/cbgreek-complete>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/cbfonts>
- Bechtolsheim, Stephan von. *The setstrut package. Automatic strut computation*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/setstrut>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/setstrut.tex>
- *The tip package. Macro examples from “TeX in Practice”*. 2016-06-24. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/tip>  
 MIRROR: <https://mirror.ctan.org/info/examples/tip>
- Beckenbach, Isabel. *The zbmath-review-template package. Template for a zbMATH Open review*. 2021-06-24. Version 2.1. LICENSE: gpl3,cc-by-sa-4

- URL: <https://ctan.org/pkg/zbmth-review-template>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zbmth-review-template>
- Becker, Bernd. *The ltxdiff package. A Win32 program that compares tokens in two .tex files.* 2016-06-24. Version 0.9.0. LICENSE: nosource  
URL: <https://ctan.org/pkg/ltxdiff>  
MIRROR: <https://mirror.ctan.org/support/ltxdiff>
- *The runtex package. Windows program to run T<sub>E</sub>X variant and various utils as needed.* 2016-06-24. Version 0.1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/runtex>  
MIRROR: <https://mirror.ctan.org/support/runtex>
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 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 pxgreek package. Shape selection for PX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X maths users of the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\pxgreek`) allows using the alternate glyph (as in the fourier package). The pxgreek package does not constrain the text font that may be used in the document.  
 URL: <https://ctan.org/pkg/pxgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pxgreek>
  - *The tableof package. Tagging tables of contents*. 2021-07-05. Version 1.4c. LICENSE: lppl1.3. The package provides the commands to flag chapters or sections (or anything else destined to become a TOC line). The command specifies which tags are to be required and which ones are to be excluded by the next (or equivalent) command. In a document that uses a class where may only be used once, the command may be used to provide several tables.  
 URL: <https://ctan.org/pkg/tableof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tableof>
  - *The texdimens package. Conversion of T<sub>E</sub>X dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to T<sub>E</sub>X dimensional units, usable both with Plain () and with L<sup>A</sup>T<sub>E</sub>X ().  
 URL: <https://ctan.org/pkg/texdimens>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texdimens>
  - *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., `\txgreek`) 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*. 2023-03-28. LICENSE: other-free  
 URL: <https://ctan.org/pkg/m-pictex>
- Burt, John. *The brandeis-thesis package. A class for Brandeis University M.A. theses*. 2023-08-15. Version 3.3. 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>

- Burt, John. *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 linenumbering, generation of separate endnotes sections for emendations, textual collations, and explanatory notes, special marking for cases in which page breaks occur during stanza breaks, running headers of the form 'Notes to pp. –' for the notes sections, index of titles and first lines, and automatic generation of a table of contents.  
 URL: <https://ctan.org/pkg/poemscol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poemscol>
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 URL: <https://ctan.org/pkg/brandeis-dissertation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-dissertation>
- Burton, Terry and Herbert Voß. *The pst-barcode package. Print barcodes using PostScript*. 2022-08-23. Version 0.19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-barcode>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/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>  
 MIRROR: <https://mirror.ctan.org/support/dinbrief-gui>
- 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>  
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 URL: <https://ctan.org/pkg/alchemist>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/alchemist>
- *The biochemistry-colors package. Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry*. 2017-06-05. Version 1.00. LICENSE: lppl,gpl  
 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>



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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>
- Cadiou, Aurélien. *The ladder package. Draw simple ladder diagrams using TikZ*. 2017-10-09. LICENSE: mit  
URL: <https://ctan.org/pkg/ladder>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ladder>
- Cagnol, John. *The mrcheckbib package. A BibTeX file verification tool*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/mrcheckbib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/mrcheckbib>
- Caignaert, Christophe. *The kpfonts package. A complete set of fonts for text and mathematics*. 2023-01-19. Version 3.35. LICENSE: lppl,gpl  
URL: <https://ctan.org/pkg/kpfonts>  
MIRROR: <https://mirror.ctan.org/fonts/kpfonts>
- Callegari, Sergio. *The draftwatermark package. Put a grey textual watermark on document pages*. 2020-12-08. Version 3.0. LICENSE: 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>
  - *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>
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URL: <https://ctan.org/pkg/tikzviolinplots>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzviolinplots>
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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>
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URL: <https://ctan.org/pkg/cursolatex>  
MIRROR: <https://mirror.ctan.org/info/portuguese/cursolatex>
  - *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese*. 2016-06-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/xypic-tut-pt>  
MIRROR: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>

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 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>
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 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>
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 URL: <https://ctan.org/pkg/iopart-num>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>
- *The svgcolor package. Define SVG named colours*. 2018-09-15. Version 1.0. LICENSE: lppl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>
- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle's small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle's more substantial packages stand on their own, or as part of the L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
  - *The colortbl package. Add colour to L<sup>A</sup>T<sub>E</sub>X tables*. 2022-07-31. Version 1.0f. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/comma>
  - *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 ealloc 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/ealloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ealloc>
  - *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>

- Carlisle, David. *The graphics-pln package. LaTeX-style graphics for Plain T<sub>E</sub>X users*. 2022-12-02. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
- *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hline package. Better horizontal lines in tabulars and arrays*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The latex-context-ppchtex package. Legacy stub to allow loading pictex as m-pictex*. 2023-03-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-context-ppchtex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-context-ppchtex>
  - *The ltxtable package. Longtable and tabularx merge*. 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>
  - *The makerobust209 package. Make an existing L<sup>A</sup>T<sub>E</sub>X command robust*. 2016-06-24. Version 1.01. LICENSE: noinfo. The package provides a command that converts the definition of a command to a robust one.  
 URL: <https://ctan.org/pkg/makerobust209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>
  - *The mylatex package. Make a format containing a document's preamble*. 2020-10-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mylatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mylatex>
  - *The nopageno package. No page numbers in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: lppl. L<sup>A</sup>T<sub>E</sub>X's standard styles use two page styles, one on normal pages and one on 'opening' pages with or , etc. Unfortunately there is only easy access to changing one of these two so if you want something other than 'plain' on the opening pages you must use on each such page. The package does provide a more flexible interface, but if you just want an empty page style on all pages then this package will do the job.  
 URL: <https://ctan.org/pkg/nopageno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nopageno>
  - *The plain-ltx package. Make plain T<sub>E</sub>X files L<sup>A</sup>T<sub>E</sub>Xable*. 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/plain-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/plain.sty>
  - *The pslatex package. Use PostScript fonts by default*. 2023-06-25. 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>
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 URL: <https://ctan.org/pkg/scalefnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefnt.sty>
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 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>

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URL: <https://ctan.org/pkg/tabulary>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabulary>
- *The textcase package. Case conversion ignoring mathematics, etc.* 2023-07-27. Version 1.04. 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  
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 URL: <https://ctan.org/pkg/isodoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
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  - *The mk package. A T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X maker.* 2018-04-12. Version 3.07. LICENSE: gpl. mk is a Bash script that, in close collaboration with (short for View and Print PDF/PostScript), is helpful in the cyclic process of editing, compiling, viewing, and printing a L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, or plain T<sub>E</sub>X document. Essentially, mk uses for compilation, for viewing and printing.  
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- Dekker, Wybo H. *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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 URL: <https://ctan.org/pkg/aro-bend>  
 MIRROR: <https://mirror.ctan.org/info/challenges/aro-bend>
- *The cmdtrack package. Check used commands*. 2016-06-24. LICENSE: lppl1. The package keeps track of whether a command defined in a document preamble is actually used somewhere in the document. After the package is loaded in the preamble of a document,

all (and similar command definitions) between that point and the beginning of the document will be marked for logging. At the end of the document a report of command usage will be printed in the  $\TeX$  log, for example:

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

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

- *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>
- Drucbert, Jean-Pierre. *The translation-dcolumn-fr package. French translation of the documentation of dcolumn*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-dcolumn-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/dcolumn/fr>
- *The translation-tabbing-fr package. French translation of the documentation of Tabbing*. 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/translation-tabbing-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/Tabbing/fr>
- Drucbert, Jean-Pierre and Patrick W. Daly. *The translation-natbib-fr package. French translation of the documentation of natbib*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-natbib-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/natbib/fr>
- Drucbert, Jean-Pierre and Mathieu Goutelle. *The booktabs-fr package. French translation of booktabs documentation*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>



- Dryllerakis, K.J. *The kdgreek package. Greek fonts and macros*. 2016-06-24. Version 3.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/kdgreek>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/kd>
- Du, Sicheng. *The gradient-text package. Decorate text with linear gradient colors*. 2023-01-24. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/gradient-text>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradient-text>
- *The maze package. Generate random mazes*. 2023-01-10. Version 1.2. LICENSE: lppl1.3c. This package can generate random square mazes of a specified size. The mazes generated by this package are natural and their solution is not too obvious. The output it based on the environment.  
 URL: <https://ctan.org/pkg/maze>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maze>
- Duan, Charles. *The randtext package. Randomise the order of characters in strings*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/randtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randtext>
- *The switcheml package. Obfuscate email addresses (now obsolete)*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/switcheml>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switcheml>
- Dübendorfer, Marco. *The grafik package. EPS graphics under Windows*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/grafik>  
 MIRROR: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)
- Duchi, Claudio. *The datetime2-it-fulltext package. Italian full text styles for the datetime2 package*. 2016-06-24. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-it-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>
- Duchier, Denys. *The bigtabular package. Tabulars that can split at page boundaries*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bigtabular>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>
- *The secret package. Put security classification marks in a document*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/secret>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/secret.sty>
- Dudebout, Nicolas. *The matrix-skeleton package. A PGF/TikZ library that simplifies working with multiple matrix nodes*. 2022-11-14. Version 1.1. LICENSE: isc. The package provides a PGF/TikZ library that simplifies working with multiple matrix nodes. To do so, it correctly aligns groups of nodes with the content of the whole matrix. Furthermore, provides rows and columns for easy styling.  
 URL: <https://ctan.org/pkg/matrix-skeleton>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package. Utilities for manipulating DVI files*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dvibook>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook>
- Duggan, Angus. *The PBMtoPK package. Conversion between PBM and PK formats*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pbmtopk>  
 MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
- *The PicTeXsum package. A summary of PicTeX commands*. 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from <https://www.picTeX.net/>), the document is a useful aide-memoire for those who have read the manual.  
 URL: <https://ctan.org/pkg/pictexsum>  
 MIRROR: <https://mirror.ctan.org/info/pictex/summary>
  - *The psmerge package. Concatenate PostScript files*. 2016-06-24. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psmerge>
  - *The psutils package. PostScript utilities*. 2021-08-26. Version p17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/psutils>
  - *The vplutils package. Manipulate (virtual) property lists*. 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.

- URL: <https://ctan.org/pkg/vplutils>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
- Dumont, Bastien. *The crossrefenum package. Smart typesetting of enumerated cross-references for various T<sub>E</sub>X formats.* 2023-02-20. Version 1.0.2. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/crossrefenum>  
MIRROR: <https://mirror.ctan.org/macros/generic/crossrefenum>
- Dungs, Kevin. *The fontmfizz package. Font Mfizz icons for use in L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. LICENSE: mit  
URL: <https://ctan.org/pkg/fontmfizz>  
MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>
- Dunn, Brian. *The docsurvey package. A survey of L<sup>A</sup>T<sub>E</sub>X documentation.* 2021-12-30. LICENSE: 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.* 2023-01-03. Version 1.07. 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.* 2023-01-03. Version 2.08. 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 lwrap package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML.* 2023-08-28. Version 0.912. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/lwrap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwrap>
  - *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection.* 2023-06-29. Version 1.01. 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.* 2023-01-03. Version 2.05. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tocdata>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocdata>
- Dupuis, Étienne. *The igo package. Fonts and macro to typeset Go diagrams.* 2016-06-24. Version 0.62. LICENSE: lppl1.3. This package is based on the package written in 1991 by Hanna Kołodziejska which provides typesetting facilities for Go games and positions. Although igo contains roughly the same commands as the original package and uses the fonts created by Kołodziejska, it has been improved in a number of ways. It uses command names less likely to conflict with standard AMS packages. It allows different board sizes to be used. It understands a standardized notation for board coordinates. And it provides a facility to work on more than one board. Moreover, a few commands were reworked to define positions or game sequences more conveniently.  
URL: <https://ctan.org/pkg/igo>  
MIRROR: <https://mirror.ctan.org/fonts/igo>
- Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .  
URL: <https://ctan.org/pkg/bondgraph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>
- Dupuis, Pierre. *The alertmessage package. Alert messages for L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/alertmessage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>
- Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/papercdcase>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>

- *The swrule package. Lines thicker in the middle than at the ends.* 2020-04-11. LICENSE: other-free  
 URL: <https://ctan.org/pkg/swrule>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
- Eastin, Bryan, Steven Flammia, and Travis L. Scholten. *The qcircuit package. Macros to generate quantum circuits.* 2018-08-14. Version 2.6.0. LICENSE: gpl2. The package supports those within the quantum information community who typeset quantum circuits, using package, offering macros designed to help users generate circuits.  
 URL: <https://ctan.org/pkg/qcircuit>  
 MIRROR: <https://mirror.ctan.org/graphics/qcircuit>
- Ebermann, Paul. *The dateiliste package. Extensions of the \listfiles concept.* 2016-06-24. Version 0.6. LICENSE: lppl. The package provides a file list (similar to that offered by `\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>
- Ebermann, Paul. *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 `amsmath` and `amssymb`), 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 L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX. 2020-12-24. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/arvo>  
MIRROR: <https://mirror.ctan.org/fonts/arvo>
- *The CascadiaCode package.* The Cascadia Code font with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX. 2021-01-20. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cascadia-code>  
MIRROR: <https://mirror.ctan.org/fonts/cascadia-code>
- *The gudea package.* The Gudea font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/gudea>  
MIRROR: <https://mirror.ctan.org/fonts/gudea>
- *The hindmadurai package.* The HindMadurai font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/hindmadurai>  
MIRROR: <https://mirror.ctan.org/fonts/hindmadurai>
- *The inter package.* The inter font face with support for L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and LuaLaTeX. 2023-07-21. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Inter Sans family of fonts (version 3.015), designed by Rasmus Andersson. Inter is a typeface specially designed for user interfaces with focus on high legibility of small-to-medium sized text on computer screens. The family features a tall x-height to aid in readability of mixed-case and lower-case text.  
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MIRROR: <https://mirror.ctan.org/fonts/inter>
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URL: <https://ctan.org/pkg/magra>  
MIRROR: <https://mirror.ctan.org/fonts/magra>
- *The Nunito package.* The Nunito font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX. 2021-01-18. Version 0.0.1. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/nunito>  
MIRROR: <https://mirror.ctan.org/fonts/nunito>
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URL: <https://ctan.org/pkg/oswald>  
MIRROR: <https://mirror.ctan.org/fonts/oswald>
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MIRROR: <https://mirror.ctan.org/support/texspell>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biocon>
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MIRROR: <https://mirror.ctan.org/support/artex>
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URL: <https://ctan.org/pkg/vector>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vector>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opteng>
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MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-calendar-examples>
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URL: <https://ctan.org/pkg/context-collatingmarks>  
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  - *The context-pocketdiary package.* A personal organiser. 2023-04-27. LICENSE: pd  
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MIRROR: [https://mirror.ctan.org/macros/generic/eijkhout/DB\\_process.tex](https://mirror.ctan.org/macros/generic/eijkhout/DB_process.tex)
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MIRROR: <https://mirror.ctan.org/macros/generic/eijkhout>
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URL: <https://ctan.org/pkg/addtoluatexpath>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/addtoluatexpath>
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MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lutabulartools>
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URL: <https://ctan.org/pkg/penlight>  
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URL: <https://ctan.org/pkg/penlightplus>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/penlightplus>



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 MIRROR: <https://mirror.ctan.org/info/symbols/math>
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 URL: <https://ctan.org/pkg/texfaq>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/capt-of>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/captdef>
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 URL: <https://ctan.org/pkg/checklab>  
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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/fncylab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fncylab>
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 URL: <https://ctan.org/pkg/oldstyle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oldstyle>
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 URL: <https://ctan.org/pkg/secdot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/secdot>
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 URL: <https://ctan.org/pkg/subscript>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>



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URL: <https://ctan.org/pkg/topcapt>  
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URL: <https://ctan.org/pkg/phfcc>  
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- *The phfthm package*. Goodies for theorems and proofs. 2021-10-11. Version 1.2. LICENSE: lppl1.3. This package provides enhanced theorem and proof environments based on the original versions. It allows for hooks to be placed, adds some default goodies and is highly customizable. In particular, it can connect theorems to proofs, automatically producing text such as “See proof on page XYZ” and “Proof of Theorem 4: ...”.  
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 URL: <https://ctan.org/pkg/dante-book-reviews>  
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 MIRROR: <https://mirror.ctan.org/graphics/dot2tex>
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 URL: <https://ctan.org/pkg/templates-fenn>  
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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/concmath-otf>  
MIRROR: <https://mirror.ctan.org/fonts/concmath-otf>
  - *The erewhon-math package. Utopia based OpenType Math font.* 2023-07-20. Version 0.63. LICENSE: ofl,lppl1.3. OpenType version of the Type1 fonts designed by Michel Bovani.  
URL: <https://ctan.org/pkg/erewhon-math>  
MIRROR: <https://mirror.ctan.org/fonts/erewhon-math>
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URL: <https://ctan.org/pkg/euler-math>  
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MIRROR: <https://mirror.ctan.org/language/hyphenation/frhyph.tex>
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URL: <https://ctan.org/pkg/kpfonts-otf>  
MIRROR: <https://mirror.ctan.org/fonts/kpfonts-otf>
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URL: <https://ctan.org/pkg/lua-typo>  
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URL: <https://ctan.org/pkg/xcharter-math>  
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 URL: <https://ctan.org/pkg/gtl>  
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 URL: <https://ctan.org/pkg/morewrites>  
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 URL: <https://ctan.org/pkg/multiexpand>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randomwalk>
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 URL: <https://ctan.org/pkg/reverxii>  
 MIRROR: <https://mirror.ctan.org/macros/generic/reverxii>
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MIRROR: <https://mirror.ctan.org/support/gtex-letter>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraphs>
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URL: <https://ctan.org/pkg/mathtex>  
MIRROR: <https://mirror.ctan.org/support/mathtex>
- *The mimetex package. Parse L<sup>A</sup>T<sub>E</sub>X math expressions and emit gif or xbitmaps.* 2021-09-15. Version 1.74. LICENSE: gpl. MimeTeX parses L<sup>A</sup>T<sub>E</sub>X mathematics expressions, emitting either gif images or mime xbitmaps of them, rather than the usual T<sub>E</sub>X DVI files. MimeTeX images are therefore easily inserted directly into html documents using a standard html img tag without intermediate dvi-to-gif conversion, and without storing lots of little gif image files, one file for each converted expression. This makes your web site and html documents more easily maintained. See for many examples demonstrating mimeTeX's features and usage.  
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 URL: <https://ctan.org/pkg/texperf>  
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 URL: <https://ctan.org/pkg/jqt1999>  
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- *The dpfloat package. Support for double-page floats.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dpfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dpfloat>
- *The firstline package. Print the first line of a paragraph in a different font.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/firstline>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/firstline.tex>
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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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- Frambach, Erik. *The fourproject package. Analyse and display the structure of a T<sub>E</sub>X document.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/fourproject>  
 MIRROR: <https://mirror.ctan.org/support/4project>
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 URL: <https://ctan.org/pkg/fourspell>  
 MIRROR: <https://mirror.ctan.org/support/4spell>
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 URL: <https://ctan.org/pkg/pst-asr>  
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-jtree>
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 URL: <https://ctan.org/pkg/kvmap>  
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 URL: <https://ctan.org/pkg/dectab>  
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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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mailmerge>
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- *The ordinalpt package*. Counters as ordinal numbers in Portuguese. 2016-06-24. Version 2.1. LICENSE: lppl. The package provides a counter style (like , and others) which produces as output strings like “primeiro” (“first” in Portuguese), “segundo” (second), and so on up to 1999th. Separate counter commands are provided for different letter case variants, and for masculine and feminine gender inflections.  
 URL: <https://ctan.org/pkg/ordinalpt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ordinalpt>
- *The pagecont package*. Page numbering that continues between documents. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pagecont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagecont>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/timbreicmc>
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bib2dvi>

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 URL: <https://ctan.org/pkg/texinfo-latest>  
 MIRROR: <https://mirror.ctan.org/macros/texinfo/latest>
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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>
  - *The lualatex-truncate package*. *A wrapper for using the truncate package with LuaLaTeX*. 2023-05-17. Version 1.1. LICENSE: lppl1.3c. This package provides a wrapper for the package, thus fixing issues related to LuaTeX's hyphenation algorithm.  
 URL: <https://ctan.org/pkg/lualatex-truncate>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lualatex-truncate>
  - *The mensa-tex package*. *Typeset simple school cafeteria menus*. 2017-12-05. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mensa-tex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mensa-tex>
  - *The pdfpc-movie package*. *Pdfpc viewer-compatible hyperlinks to movies*. 2023-05-17. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pdfpc-movie>  
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 MIRROR: <https://mirror.ctan.org/macros/texinfo/latest>
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 URL: <https://ctan.org/pkg/cloze>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/cloze>
- *The lparse package*. *A Lua module for parsing key-value options*. 2023-02-06. Version 0.1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lparse>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/lparse>
  - *The luakeys package*. *A Lua module for parsing key-value options*. 2023-01-13. Version 0.13.0. LICENSE: lppl1.3c. This package provides a Lua module that can parse key-value options like the T<sub>E</sub>X packages , , , etc. , however, accomplishes this task entirely

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

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

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

- *The nodetree package*. Visualize node lists in a tree view. 2022-12-17. Version 2.2.1. LICENSE: lppl1.3. is a development package that visualizes the structure of node lists. shows its debug informations in the console output when you compile a LuaTeX file. It uses a similar visual representation for node lists as the UNIX command for a folder structure.

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

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

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

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

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

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

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

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

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

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

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

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URL: <https://ctan.org/pkg/endnotes>  
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URL: <https://ctan.org/pkg/chinesechess>  
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 URL: <https://ctan.org/pkg/lccaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lccaps>
- Giannotti, Ruben. *The stealcaps package. “Steal” small capitals*. 2022-11-07. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/stealcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stealcaps>
- Gibbons, Jeremy and Alan Jeffrey. *The diagramf package. Labelled diagrams in Metafont*. 2016-06-24. Version 1.1. LICENSE: noinfo. The package provides a means of labelling diagrams each produced as a Metafont character in a ‘font’ which is produced using the Metafont package. L<sup>A</sup>T<sub>E</sub>X passes data to Metafont (by ordinary L<sup>A</sup>T<sub>E</sub>X file-writing mechanisms), and Metafont writes stuff into its log-file, which must then be extracted into a different file so that L<sup>A</sup>T<sub>E</sub>X can see it.  
 URL: <https://ctan.org/pkg/diagramf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/diagramf>
- Giese, Martin and Herbert Voß. *The pst-blur package. PSTricks package for “blurred” shadows*. 2016-06-24. Version 2.0. LICENSE: lppl. Pst-blur is a package built for use with . It provides macros that apply blurring to the normal shadow function of PSTricks.  
 URL: <https://ctan.org/pkg/pst-blur>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-blur>
- *The pst-slpe package. Sophisticated colour gradients*. 2018-09-15. Version 1.31. LICENSE: lppl. This package covers all the colour gradient functionality of pst-grad (part of the base PSTricks distribution), and provides the following facilities:  
 URL: <https://ctan.org/pkg/pst-slpe>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-slpe>
- Giesekeing, Martin. *The dvisvgm package. Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)*. 2023-07-07. Version 3.1. LICENSE: gpl3+

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MIRROR: <https://mirror.ctan.org/dviware/dvisvgm>
- Gil, Yossi. *The addindex package. Add index entries to L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. LICENSE: noinfo. Addindex is C/Lex program to add index entries to a L<sup>A</sup>T<sub>E</sub>X document. You start with a ‘names database’, which looks like the section of a BibTeX database; addindex scans your L<sup>A</sup>T<sub>E</sub>X file for strings in the database, and adds commands for each match.  
URL: <https://ctan.org/pkg/addindex>  
MIRROR: <https://mirror.ctan.org/indexing/addindex>
- *The bashful package. Invoke bash commands from within L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.93. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bashful>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bashful>
- *The unisugar package. Define syntactic sugar for Unicode L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.92. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/unisugar>  
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URL: <https://ctan.org/pkg/ctie>  
MIRROR: [https://mirror.ctan.org/web/c\\_cpp/ctie](https://mirror.ctan.org/web/c_cpp/ctie)
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels>
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URL: <https://ctan.org/pkg/geophysics>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/geophysics.sty>
- *The headerfooter package. Define the layouts of page headers and footers*. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/headerfooter>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/headerfooter.sty>
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URL: <https://ctan.org/pkg/underlin-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/underlin.tex>
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URL: <https://ctan.org/pkg/cookybooky>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cookybooky>
- Gilg, Jürgen, Manuel Luque, and Aubrey Jaffer. *The pst-marble package. A PSTricks package to draw marble-like patterns*. 2019-05-01. Version 1.6. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pst-marble>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-marble>
- Gilg, Jürgen, Manuel Luque, Patrice Megrét, and Herbert Voß. *The pst-electricfield package. Draw electric field and equipotential lines with PSTricks*. 2016-06-24. Version 0.14. LICENSE: lppl. The package provides macros to plot electric field and equipotential lines using . There may be any number of charges which can be placed in a cartesian coordinate system by (x,y) values.  
URL: <https://ctan.org/pkg/pst-electricfield>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-electricfield>
- Gilg, Jürgen, Manuel Luque, and Jean-Michel Sarlat. *The pst-moire package. A PSTricks package to draw moiré patterns*. 2021-09-03. Version 2.2. LICENSE: lppl1.3c. This is a package to draw moiré patterns.  
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 URL: <https://ctan.org/pkg/prodint>  
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- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/harvmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/harvmac>
- Giraud, Pierre-Amiel. *The skills package. Create proficiency tests*. 2020-10-28. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/skills>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skills>
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 URL: <https://ctan.org/pkg/cahierprof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cahierprof>
- Girou, Denis. *The piechart package. Simple pie-charts with PSTricks*. 2016-06-24. LICENSE: noinfo. A pair of shell+AWK scripts that uses small parameter files to generate pie-charts (expressed as (La)TeX code using ).  
 URL: <https://ctan.org/pkg/piechart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/piechart>
- *The pst-fr3d package. Draw 3-dimensional framed boxes using PSTricks*. 2016-06-24. Version 1.10. LICENSE: lppl. A package using to draw three dimensional framed boxes using a macro . The macro is especially useful for drawing 3d-seeming buttons.  
 URL: <https://ctan.org/pkg/pst-fr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fr3d>
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 URL: <https://ctan.org/pkg/pst-labo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-labo>
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 URL: <https://ctan.org/pkg/pst-light3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>
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 URL: <https://ctan.org/pkg/pst-fill>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
- *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-gantt>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
- *The pst-gr3d package. Three dimensional grids with PSTricks*. 2016-06-24. Version 1.34. LICENSE: lppl. This package provides a command that will draw a three dimensional grid, offering a number of options for its appearance.  
 URL: <https://ctan.org/pkg/pst-gr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
- Girou, Denis and Herbert Voß. *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
 URL: <https://ctan.org/pkg/pst-ob3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
- *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-poly>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
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 URL: <https://ctan.org/pkg/shadbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>

- *The tracking package. Adjust tracking of strings.* 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tracking>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
- Gleason, Jonathan. *The eqnnumwarn package. Modifies the amsmath equation environments to warn for a displaced equation number.* 2018-01-07. Version 1.0. LICENSE: lppl1.3. Sometimes an equation is too long that an equation number will be typeset below the equation itself, but yet not long enough to yield an “overfull \hbox” warning. The package modifies the standard amsmath numbered equation environments to throw a warning whenever this occurs.  
 URL: <https://ctan.org/pkg/eqnnumwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
- Glenn, Paulley. *The chicago package. A “Chicago” bibliography style.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chicago>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
- *The chicagoo package. “Chicago” bibliography style with annotations.* 2016-06-24. LICENSE: other-free. This is a modification of the author’s style, to support an ‘annotation’ field in bibliographies.  
 URL: <https://ctan.org/pkg/chicagoo>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoo.bst>
- Gliboff, Sander. *The biblatex-historian package. A Bib<sub>La</sub>T<sub>E</sub>X style.* 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-historian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts.* 2016-06-24. Version 1.0. LICENSE: noinfo. The package ‘makes’ a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.  
 URL: <https://ctan.org/pkg/glonti>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>
- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/cmcyr>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
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 URL: <https://ctan.org/pkg/pstoeedit>  
 MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text.* 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.  
 URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- *The newslatr package. Macros for making newsletters with Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newslatr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newslatr>
- *The quote package. Match pairs of double-quote characters.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/quote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>
- Göbel, Jürgen. *The savesym package. Redefine symbols where names conflict.* 2016-06-24. Version 1.2. LICENSE: lppl. There are a number of symbols (e.g., ) that are defined by several packages. In order to typeset all the variants in a document, we have to give the glyph a unique name. To do that, we define , which renames a symbol from to , and , which renames back to and defines a new command, , which corresponds to the most recently loaded version of .  
 URL: <https://ctan.org/pkg/savesym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases.* 2017-04-18. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pybliographer>
- Godby, Kevin. *The tufte-latex package. Document classes inspired by the work of Edward Tufte.* 2018-04-05. Version 3.5.2. LICENSE: apache2  
 URL: <https://ctan.org/pkg/tufte-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
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 URL: <https://ctan.org/pkg/ltablex>  
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- Goel, Deepak. *The autoview package. Maintain a Ghostscript view of emacs buffer.* 2016-06-24. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/qbibman>
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 URL: <https://ctan.org/pkg/lshort-polish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/polish>
- Goldberg, Jacques. *The redis package. A Hebrew font.* 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong.* 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types and are recognised by the package, unmodified. Since several packages define other types of float, it is possible to register these float types with endfloat.  
 URL: <https://ctan.org/pkg/endfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endfloat>
- Goldgaber, Sergey. *The thumby package. Create thumb indexes for printed books.* 2016-06-24. Version 0.1. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/thumby>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumby>
- Goldschmitt, Ulrich. *The ulsy package. Extra mathematical characters.* 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ulsy>  
 MIRROR: <https://mirror.ctan.org/fonts/ulsy>
- Goldschmitt, Ulrich and Yvon Henel. *The ulsy-ps package. Extra mathematical characters in Adobe Type 1 format.* 2016-06-24. LICENSE: noinfo. These are autotraced versions of the fonts.  
 URL: <https://ctan.org/pkg/ulsy-ps>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/ulsy>
- Gollwitzer, Christian. *The aurical package. Calligraphic fonts for use with L<sup>A</sup>T<sub>E</sub>X in T1 encoding.* 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aurical>  
 MIRROR: <https://mirror.ctan.org/fonts/aurical>
- *The shapepatch package. Transfig patch supporting shapepar.* 2016-06-24. Version 1.1. LICENSE: bsd. ShapePatch is a patch against , which adds the capability to export figures to shape definitions for . Shapepar itself will form a paragraph into a specified shape, and the size of the shape is automatically adjusted so that the given paragraph completely fills the shape. ShapePatch effort: one simply draws the required shape with XFig and then convert it to a shape definition for shapepar, either by calling fig2dev manually or by choosing “Export/Shape” in XFig (if you install the additional XFig patch).  
 URL: <https://ctan.org/pkg/shapepatch>  
 MIRROR: <https://mirror.ctan.org/graphics/transfig-shapepatch/shape-patch.3.2.4-shape-1.1.tar.gz>
- Gomes, Hugo. *The pgf-PeriodicTable package. Create custom periodic tables of elements.* 2023-05-31. Version 2.0.1. LICENSE: lppl1.3  
 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.* 2023-04-27. Version 3.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgf-spectra>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-spectra>
- Gonçalves, Luís Nobre. *The featpost package. MetaPost macros for 3D.* 2018-01-06. Version 0.8.8. LICENSE: gpl  
 URL: <https://ctan.org/pkg/featpost>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/featpost>
- González, Luis, Javier Toro, and Pedro Linares. *The interactiveanimation package. Create PDF files with branching animations.* 2016-06-24. Version 0.2. LICENSE: lppl

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced L<sup>A</sup>T<sub>E</sub>X mode for the Jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L<sup>A</sup>T<sub>E</sub>X mode in the fashion of AUC T<sub>E</sub>X: menus, shortcuts, templates, syntax highlighting, document outline, integrated debugging, symbol completion, full integration with external programs, and more. It was designed with both the beginner and the advanced L<sup>A</sup>T<sub>E</sub>X user in mind.  
URL: <https://ctan.org/pkg/latex4jed>  
MIRROR: <https://mirror.ctan.org/support/jed/latex4jed>
- *The LaTeX4Musicians package. A guide for combining L<sup>A</sup>T<sub>E</sub>X and music*. 2019-01-19. Version 1.0.1. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4musicians>  
MIRROR: <https://mirror.ctan.org/info/latex4musicians>
  - *The LaTeX4WP package. A L<sup>A</sup>T<sub>E</sub>X guide specifically designed for word processor users*. 2023-08-28. Version 1.2. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4wp>  
MIRROR: <https://mirror.ctan.org/info/latex4wp>
  - *The latex4wp-it package. L<sup>A</sup>T<sub>E</sub>X guide for word processor users, in Italian*. 2016-06-24. Version 1.0.10. LICENSE: fdl. The package provides a version of the in Italian  
URL: <https://ctan.org/pkg/latex4wp-it>  
MIRROR: <https://mirror.ctan.org/info/latex4wp-it>
- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/basicarith>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basicarith>
- *The catechis package. Macros for typesetting catechisms*. 2021-07-20. Version 2.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/catechis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catechis>
  - *The clrdblpg package. Control pagestyle of pages left blank by \cleardoublepage*. 2018-05-07. Version 1.0. LICENSE: lppl1.3. This tiny package allows easy manipulation of the headers and footers on pages left blank by . By default, L<sup>A</sup>T<sub>E</sub>X has no easy facilities for this. This package uses more or less the algorithm listed in the package documentation, with some better indentation and added flexibility.  
URL: <https://ctan.org/pkg/clrdblpg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrdblpg>
  - *The colophon package. Provides commands for producing a colophon*. 2018-06-03. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/colophon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colophon>
  - *The dozenal package. Typeset documents using base twelve numbering (also called “dozenal”)*. 2018-05-11. Version 7.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dozenal>  
MIRROR: <https://mirror.ctan.org/fonts/dozenal>
  - *The drm package. A complete family of fonts written in Metafont*. 2016-06-24. Version 4.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/drm>  
MIRROR: <https://mirror.ctan.org/fonts/drm>
- Goodman, Donald P. *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. L<sup>A</sup>T<sub>E</sub>X macros for utilizing the roundrect MetaPost routines*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package provides ways to use the extremely configurable rounded rectangles of the MetaPost package with L<sup>A</sup>T<sub>E</sub>X. It is chiefly useful for examples, but also has macros for particular types of boxes which are useful on their own.  
URL: <https://ctan.org/pkg/lroundrect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lroundrect>
  - *The modulus package. A non-destructive modulus and integer quotient operator for T<sub>E</sub>X*. 2018-05-05. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/modulus>  
MIRROR: <https://mirror.ctan.org/macros/generic/modulus>
  - *The padcount package. Pad numbers with arbitrary characters*. 2018-05-07. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/padcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/padcount>
  - *The poetry package. Facilities for typesetting poetry and poetical structure*. 2019-12-14. Version 2.2. LICENSE: lppl1.3c. This package provides some macros and general doodads for typesetting poetry. There is, of course, already the excellent package, and the



- package provides some extra functionality on top of it. But provides much of the same functionality in a bit of a different way, and with a few additional abilities, such as facilities for a list of poems, an index of first lines, and some structural commands.  
URL: <https://ctan.org/pkg/poetry>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poetry>
- *The roundrect package*. MetaPost macros for highly configurable rounded rectangles (optionally with text). 2016-06-24. Version 2.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/roundrect>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/roundrect>
  - *The shapes package*. Draw polygons, reentrant stars, and fractions in circles with MetaPost. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/shapes>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/shapes>
  - *The texdate package*. Date printing, formatting, and manipulation in  $\TeX$ . 2018-12-09. Version 2.0. LICENSE: lppl1.3c.  $\TeX$  and  $\LaTeX$  provide few facilities for dates by default, though many packages have filled this gap. This package fills it, as well, with a pure  $\TeX$ -primitive implementation. It can print dates, advance them by numbers of days, weeks, or months, determine the weekday automatically (with an algorithm cribbed from the file written by Martin Minow), and print them in (mostly) arbitrary format. It can also print calendars (monthly and yearly) automatically, and can be easily localized for non-English languages.  
URL: <https://ctan.org/pkg/texdate>  
MIRROR: <https://mirror.ctan.org/macros/generic/texdate>
  - *The xellipsis package*. Extremely configurable ellipses with formats for various style manuals. 2018-04-16. Version 2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xellipsis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xellipsis>
  - *The yaletter package*. Extremely flexible macros for letters, envelopes, and label sheets. 2017-01-03. Version 1.1. LICENSE: lppl1.3. The class provides extremely configurable macros for typesetting letters in any conceivable style. It provides facilities for maintaining easily-accessible databases of letterheads and addresses for repeat use. It further provides easy macros for envelopes and for label sheets. Finally, it provides some nice defaults for a few of the more common styles and sizes.  
URL: <https://ctan.org/pkg/yaletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yaletter>
- Goossens, Michel. *The cyrtug package*. *EmTeX as distributed by CyrTUG*. 2016-06-24. LICENSE: noinfo. The CyrTUG distribution of files for use with . (CyrTUG is the Cyrillic-alphabet  $\TeX$  users' group; apart from the fonts, there are several other files to support Cyrillic users.)  
URL: <https://ctan.org/pkg/cyrtug>  
MIRROR: <https://mirror.ctan.org/systems/msdos/emtex-contrib/cyrtug>
- Goossens, Michel and Sebastian Rahtz. *The mm package*. *A jiffy Multiple Master tool*. 2016-06-24. LICENSE: noinfo. A set of simple scripts and programs for deriving instances from Adobe Multiple Master fonts for use with . The scripts use to derive metrics, etc.  
URL: <https://ctan.org/pkg/mm>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mm>
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URL: <https://ctan.org/pkg/boxit-ltx>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/boxit.sty>
- *The midnight package*. A set of useful macro tools. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/midnight>  
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URL: <https://ctan.org/pkg/tikz-nef>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-nef>



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 URL: <https://ctan.org/pkg/bibtexperl1libs>  
 MIRROR: <https://mirror.ctan.org/support/bibtexperl1libs>
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 URL: <https://ctan.org/pkg/biblatex-lncs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-lncs>
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 URL: <https://ctan.org/pkg/asc2tex>  
 MIRROR: <https://mirror.ctan.org/systems/msdos/asc2tex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prosper>
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 URL: <https://ctan.org/pkg/cv4tw>  
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 URL: <https://ctan.org/pkg/muthesis>  
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 URL: <https://ctan.org/pkg/actuarialangle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/actuarialangle>
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 URL: <https://ctan.org/pkg/formation-latex-ul>  
 MIRROR: <https://mirror.ctan.org/info/formation-latex-ul>
- *The francais-bst package. Bibliographies conforming to French typographic standards*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/francais-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/francais-bst>
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 URL: <https://ctan.org/pkg/ppr-prv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ppr-prv>
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 URL: <https://ctan.org/pkg/acreloadpdf>  
 MIRROR: <https://mirror.ctan.org/support/acreloadpdf>
- *The animate package. Create PDF and SVG animations from graphics files and inline graphics*. 2023-06-18. LICENSE: lppl. The package provides an interface to create portable, JavaScript driven PDF and SVG animations from sets of graphics files or from inline graphics, such as L<sup>A</sup>T<sub>E</sub>X picture environment, or generated pictures, or just from typeset text.  
 URL: <https://ctan.org/pkg/animate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/animate>

- *The fixocgx package. Add support for dvips+ps2pdf, Xe<sub>La</sub>TeX, dvipdfmx to the ocgx package.* 2023-06-19. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fixocgx>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fixocgx>
- *The media4svg package. Multimedia inclusion for the dvisvgm backend.* 2022-10-12. Version 0.13. LICENSE: lppl  
 URL: <https://ctan.org/pkg/media4svg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/media4svg>
- *The media9 package. Multimedia inclusion package with Adobe Reader-9/X compatibility.* 2022-08-04. Version 1.25. LICENSE: lppl  
 URL: <https://ctan.org/pkg/media9>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/media9>
- *The movie15 package. Multimedia inclusion package.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/movie15>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/movie15>
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 URL: <https://ctan.org/pkg/ocgx2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ocgx2>
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 URL: <https://ctan.org/pkg/portable-miktex>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/MiKTeX+Ghostscript+GSview+USB-drive-HOWTO.txt>
- *The pst-ode package. Solving initial value problems for sets of Ordinary Differential Equations.* 2022-11-24. Version 0.18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-ode>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ode>
- *The xsavebox package. Saveboxes for repeating content without code replication, based on PDF Form XObjects.* 2022-08-04. Version 0.18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xsavebox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xsavebox>
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 URL: <https://ctan.org/pkg/qsharp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qsharp>
- *The revquantum package. Hacks to make writing quantum papers for revtex4-1 less painful.* 2018-01-06. Version 0.11. LICENSE: lppl1.3. This package provides a number of useful hacks to solve common annoyances with the package, and to define notation in common use within quantum information. In doing so, it imports and configures a number of commonly-available and used packages, and where reasonable, provides fallbacks. It also warns when users try to load packages which are known to be incompatible with .  
 URL: <https://ctan.org/pkg/revquantum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revquantum>
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 URL: <https://ctan.org/pkg/adobeornaments>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/adobeornaments>
- *The coolfn package. Typeset long legal footnotes.* 2023-02-27. Version 1.1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/coolfn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coolfn>
- *The luacensor package. Securely redact sensitive information using Lua.* 2022-02-23. Version 1.1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luacensor>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacensor>
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 URL: <https://ctan.org/pkg/luaquotes>  
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- *The swungdash package. Typeset a swung dash in L<sub>A</sub>T<sub>E</sub>X.* 2022-08-29. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/swungdash>  
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MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/textcsc>
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URL: <https://ctan.org/pkg/tramlines>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tramlines>
  - *The ukbill package*. A class for typesetting UK legislation. 2023-01-01. Version 1.0.2. LICENSE: lpl1.3c. This package provides formatting to easily typeset draft UK legislation. The libre font is required to use this package.  
URL: <https://ctan.org/pkg/ukbill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ukbill>
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MIRROR: <https://mirror.ctan.org/info/examples/FirstSteps>
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MIRROR: [https://mirror.ctan.org/info/examples/Math\\_into\\_LaTeX-4](https://mirror.ctan.org/info/examples/Math_into_LaTeX-4)
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URL: <https://ctan.org/pkg/logfilter>  
MIRROR: <https://mirror.ctan.org/support/logfilter>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/progress>
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 URL: <https://ctan.org/pkg/siam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/siam>
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 URL: <https://ctan.org/pkg/bibhtml>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bibhtml>
- *The dvi2bitmap package. Utility to convert  $\TeX$  DVI files directly to bitmaps*. 2017-04-18. Version 1.0. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/dvi2bitmap>  
 MIRROR: <https://mirror.ctan.org/dviware/dvi2bitmap>
- *The exam-n package. Exam class, focused on collaborative authoring*. 2022-10-10. Version 1.4.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/exam-n>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exam-n>
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 URL: <https://ctan.org/pkg/feyn>  
 MIRROR: <https://mirror.ctan.org/fonts/feyn>
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- *The ginpenc package. Modification of inputenc for German*. 2019-03-12. Version 1.0. LICENSE: lppl. If the is used and German umlauts are input directly, they are converted to the LICR representation (etc.). This breaks the sort algorithm of , for instance. Ginpenc converts umlauts and the sharp-s to the short forms defined by , e.g., instead, if the text is typeset in German.  
 URL: <https://ctan.org/pkg/ginpenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginpenc>
- *The hfbright package. The hfbright fonts*. 2019-03-12. LICENSE: lppl. These are Adobe Type 1 versions of the OT1-encoded and maths parts of the fonts.  
 URL: <https://ctan.org/pkg/hfbright>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/hfbright>
- *The hfoldsty package. Old style numerals with EC fonts*. 2019-03-12. Version 1.15. LICENSE: gpl. The hfoldsty package provides virtual fonts for using oldstyle (0123456789) figures with the European Computer Modern fonts. It does a similar job as the package by Sebastian Kirsch but includes a couple of improvements, i.e., better kerning with guillemets, and support for character protruding using the package.  
 URL: <https://ctan.org/pkg/hfoldsty>  
 MIRROR: <https://mirror.ctan.org/fonts/hfoldsty>
- *The hhtensor package. Print vectors, matrices, and tensors*. 2019-03-12. Version 0.61. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hhtensor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hhtensor>

- *The isodate package*. Tune the output format of dates according to language. 2019-03-12. Version 2.28. LICENSE: lpl  
URL: <https://ctan.org/pkg/isodate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodate>
- *The kerntest package*. Print tables and generate control files to adjust kernings. 2019-03-12. Version 1.32. LICENSE: lpl  
URL: <https://ctan.org/pkg/kerntest>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kerntest>
- *The latexfileversion package*. Prints the version and date of a L<sup>A</sup>T<sub>E</sub>X class or style file. 2019-03-12. Version 0.3. LICENSE: lpl  
URL: <https://ctan.org/pkg/latexfileversion>  
MIRROR: <https://mirror.ctan.org/support/latexfileversion>
- *The leftidx package*. Left and right subscripts and superscripts in math mode. 2019-03-12. LICENSE: lpl  
URL: <https://ctan.org/pkg/leftidx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftidx>
- *The makebox package*. Defines a `\makebox*` command. 2019-03-12. Version 0.1. LICENSE: lpl. Define a command that does the same as a command, except that the width is given by a sample text instead of an explicit length measure.  
URL: <https://ctan.org/pkg/makebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebox>
- *The nbaseprt package*. Print numbers in non-decimal bases. 2019-03-12. Version 0.11. LICENSE: lpl  
URL: <https://ctan.org/pkg/nbaseprt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
- *The numprint package*. Print numbers with separators and exponent if necessary. 2019-03-12. Version 1.39. LICENSE: lpl  
URL: <https://ctan.org/pkg/numprint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
- *The onlyamsmath package*. Inhibit use of non-*amsmath* mathematics markup when using *amsmath*. 2019-03-12. Version 0.20. LICENSE: lpl. This package inhibits the usage of plain T<sub>E</sub>X and (on demand) of standard L<sup>A</sup>T<sub>E</sub>X mathematics environments. This is useful for class writers who want to encourage their users to use the environments provided by the package.  
URL: <https://ctan.org/pkg/onlyamsmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onlyamsmath>
- *The repeatindex package*. Repeat items in an index after a page or column break. 2019-03-12. Version 0.01. LICENSE: lpl  
URL: <https://ctan.org/pkg/repeatindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repeatindex>
- *The slantsc package*. Access different-shaped small-caps fonts. 2019-03-12. Version 2.11. LICENSE: lpl. This package enables the use of small capitals in different font shapes, e.g., slanted or bold slanted for all fonts that provide appropriate font shapes. (Note that a separate file is needed to define font shapes such as ‘scl’ or ‘scit’.)  
URL: <https://ctan.org/pkg/slantsc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slantsc>
- Harders, Harald. *The subfloat package*. Sub-numbering for figures and tables. 2019-03-12. Version 2.14. LICENSE: lpl  
URL: <https://ctan.org/pkg/subfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subfloat>
- *The substr package*. Deal with substrings in strings. 2019-03-12. Version 1.2. LICENSE: lpl  
URL: <https://ctan.org/pkg/substr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/substr>
- *The ttf-howto package*. Using TrueType fonts with T<sub>E</sub>X systems. 2019-03-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ttf-howto>  
MIRROR: <https://mirror.ctan.org/info/TrueType>
- *The typogrid package*. Print a typographic grid. 2019-03-12. Version 0.21. LICENSE: lpl  
URL: <https://ctan.org/pkg/typogrid>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typogrid>
- *The warning package*. Global warnings at the end of the logfile. 2023-03-18. Version 0.10. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/warning>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warning>
- Harders, Harald and Morten Høgholm. *The contour package*. Print a coloured contour around text. 2019-03-12. Version 2.14. LICENSE: lpl  
URL: <https://ctan.org/pkg/contour>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/contour>



- Harders, Harald and Bjørn Pedersen. *The miller package. Typeset miller indices*. 2019-03-12. Version 1.2. LICENSE: lpl  
 URL: <https://ctan.org/pkg/miller>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/miller>
- Harders, Harald and Norbert Preining. *The babelbib package. Multilingual bibliographies*. 2021-01-07. Version 1.34. LICENSE: lpl  
 URL: <https://ctan.org/pkg/babelbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/babelbib>
- Hardy, Lucien. *The duotensor package. Drawing package for circuit and duotensor diagrams*. 2016-06-24. Version 1.00. LICENSE: lpl  
 This is a drawing package for circuit and duotensor diagrams within L<sup>A</sup>T<sub>E</sub>X documents. It consists of about eighty commands, calling on for support.  
 URL: <https://ctan.org/pkg/duotensor>  
 MIRROR: <https://mirror.ctan.org/graphics/duotensor>
- Harendal, Hirwen and Clea F. Rees. *The libris package. Libris ADF fonts, with L<sup>A</sup>T<sub>E</sub>X support*. 2017-04-18. Version 1.007. LICENSE: gpl  
 URL: <https://ctan.org/pkg/libris>  
 MIRROR: <https://mirror.ctan.org/fonts/libris>
- *The venturisADF package. Venturis ADF fonts collection*. 2017-04-18. Version 1.005. LICENSE: other-free. Serif and sans serif complete text font families, in both Adobe Type 1 and OpenType formats for publication. The family is based on Utopia family, and has been modified and developed by the Arkandis Digital foundry. Support for using the fonts, in L<sup>A</sup>T<sub>E</sub>X, is also provided (and makes use of the package).  
 URL: <https://ctan.org/pkg/venturisadf>  
 MIRROR: <https://mirror.ctan.org/fonts/venturisadf>
- Harin, Alexander. *The cmcyralt-fonts package. Russian fonts in "alternative" encoding*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cmcyralt-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyralt>
- Harin, Alexander and Vadim V. Zhytnikov. *The cmcyralt-ltx package. L<sup>A</sup>T<sub>E</sub>X support for the cmcyralt fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. Macros and fd files to use the . Designed for use with an alternative-coded keyboard.  
 URL: <https://ctan.org/pkg/cmcyralt-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmcyralt>
- Harker, Stephen. *The adfathesis package. Australian Defence Force Academy thesis format*. 2016-06-24. Version 2.42. LICENSE: pd  
 URL: <https://ctan.org/pkg/adfathesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/adfathesis>
- Harrer, Simon. *The messagebubbles package. Display message bubbles as a conversation*. 2016-06-24. Version 0.0.2. LICENSE: lpl  
 URL: <https://ctan.org/pkg/messagebubbles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/messagebubbles>
- Harris, Erica, Geoffrey Tobin, Robin Fairbairns, and David Carlisle. *The setspace package. Set space between lines*. 2022-12-05. Version 6.7b. LICENSE: lpl  
 Provides support for setting the spacing between lines in a document. Package options include singlespacing, onehalfspacing, and doublespacing. Alternatively the spacing can be changed as required with the , , and commands. Other size spacings also available.  
 URL: <https://ctan.org/pkg/setspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspace>
- Harrod, Steven. *The bibbuild package. A bibliography builder for FileMaker Pro 7*. 2020-08-29. Version 1.0. LICENSE: nosell  
 URL: <https://ctan.org/pkg/bibbuild>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/BibBuild>
- Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation*. 2016-06-24. LICENSE: pd. A document describing the parameterisation of least-squares curve fitting, and showing how (using ) to display error bars.  
 URL: <https://ctan.org/pkg/maad>  
 MIRROR: <https://mirror.ctan.org/info/maad>
- Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting*. 2016-06-24. LICENSE: other-free. Provides two new commands: and for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.  
 URL: <https://ctan.org/pkg/nestquot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
- Hart, William. *The harnon-cv package. A CV document class with a vertical timeline for experience*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/harnon-cv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harnon-cv>

- Hartke, Stephen. *The arev package. Fonts and L<sup>A</sup>T<sub>E</sub>X support files for Arev Sans*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/arev>  
 MIRROR: <https://mirror.ctan.org/fonts/arev>
- *The free-math-font-survey package. A survey of available free Mathematics fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/free-math-font-survey>  
 MIRROR: [https://mirror.ctan.org/info/Free\\_Math\\_Font\\_Survey/en](https://mirror.ctan.org/info/Free_Math_Font_Survey/en)
- Hartmann, Richard. *The OpTeXcount package. Python script for counting words in OpTeX documents*. 2019-01-01. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/optexcount>  
 MIRROR: <https://mirror.ctan.org/support/optexcount>
- Hartmann, Timo. *The flashmovie package. Directly embed flash movies into PDF files*. 2016-06-24. Version 0.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flashmovie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flashmovie>
- Hasan, Adib. *The latexbangla package. Enhanced L<sup>A</sup>T<sub>E</sub>X integration for Bangla*. 2020-06-07. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latexbangla>  
 MIRROR: <https://mirror.ctan.org/language/bengali/latexbangla>
- Hassel, Frank. *The bdfchess package. Typeset correspondence chess games*. 2016-06-24. Version 1.2. LICENSE: nosell. A L<sup>A</sup>T<sub>E</sub>X (2.09) package for managing rules and considertimes of chess games, according to the rules of the International Correspondence Chess Federation. In addition the package will typeset games in progress, and the correspondence postcards, using the fonts, etc., of the package.  
 URL: <https://ctan.org/pkg/bdfchess>  
 MIRROR: <https://mirror.ctan.org/fonts/chess/bdfchess>
- Hassenpflug, Gernot. *The hwkatakana package. Half-width katakana fonts*. 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/hwkatakana>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/hwkatakana>
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 URL: <https://ctan.org/pkg/glossaries-nynorsk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-nynorsk>
- Havlik, Denis. *The abstbook package. Books of abstracts*. 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X class file for making ‘books of abstracts’, commonly used for conferences. It is based on report class, however has been redefined and shouldn’t be used.  
 URL: <https://ctan.org/pkg/abstbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>
- Heafner, Paul J. *The mandi package. Macros for introductory physics and astronomy*. 2023-08-02. Version 3.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mandi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mandi>
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 URL: <https://ctan.org/pkg/gnuplot>  
 MIRROR: <https://mirror.ctan.org/graphics/gnuplot/5.2.6>
- Hedne, PL. *The brief-t package. L<sup>A</sup>T<sub>E</sub>X support for the brief editor*. 2019-02-03. LICENSE: noinfo. The package comprises a set of macros to create key assignments for common (La)TeX functions.  
 URL: <https://ctan.org/pkg/brief-t>  
 MIRROR: <https://mirror.ctan.org/support/brief-t>
- Heerden, Derick van. *The obas package. Web based interface to a bibliographical database*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/obas>
- Hefferon, Jim. *The concrete-macros package. Consistent text and maths using concrete fonts*. 2016-06-24. LICENSE: noinfo. Aspiring users of Knuth’s concrete fonts are often recommended to use the and packages for consistent text and mathematics setting. This package loads both.  
 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
- *The escapeTeXt package. Make plain text safe for use in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeXt>

- *The first-packages package*. A short list of go-to L<sup>A</sup>T<sub>E</sub>X packages, aimed at a beginner. 2021-01-02. LICENSE: cc0  
URL: <https://ctan.org/pkg/first-packages>
- *The Shaded theorems package*. Theorem environments that are shaded. 2020-01-08. LICENSE: lppl  
URL: <https://ctan.org/pkg/shadethm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
- *The style-showcase package*. Make a web page to compare styles. 2016-06-24. Version 1.0.0. LICENSE: pd  
URL: <https://ctan.org/pkg/style-showcase>  
MIRROR: [https://mirror.ctan.org/support/style\\_showcase](https://mirror.ctan.org/support/style_showcase)
- *The undergradmath package*. L<sup>A</sup>T<sub>E</sub>X Math for Undergraduates cheat sheet. 2021-01-03. LICENSE: cc-by-sa-4  
URL: <https://ctan.org/pkg/undergradmath>  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/venn>
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URL: <https://ctan.org/pkg/first-latex-doc>  
MIRROR: <https://mirror.ctan.org/info/first-latex-doc>
- *The latex-doc-ptr package*. A direction-finder for L<sup>A</sup>T<sub>E</sub>X resources available online. 2021-01-02. LICENSE: pd  
URL: <https://ctan.org/pkg/latex-doc-ptr>  
MIRROR: <https://mirror.ctan.org/info/latex-doc-ptr>
- Heibl, Christoph. *The bracketkey package*. Produce bracketed identification keys. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides an environment for use when producing lists of species.  
URL: <https://ctan.org/pkg/bracketkey>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>
- Heidemann, John. *The lookbibtex package*. Tools for examining BibT<sub>E</sub>X files. 2016-06-24. Version 1.22. LICENSE: gpl  
URL: <https://ctan.org/pkg/lookbibtex>  
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URL: <https://ctan.org/pkg/dice>  
MIRROR: <https://mirror.ctan.org/fonts/dice>
- *The epsdice package*. A scalable dice “font”. 2016-06-24. Version 2.1. LICENSE: lppl. The epsdice package defines a single command that takes a numeric argument (in the range 1-6), and selects a face image from a file that contains each of the 6 possible die faces. The graphic file is provided in both Encapsulated PostScript and PDF formats.  
URL: <https://ctan.org/pkg/epsdice>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epsdice>
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URL: <https://ctan.org/pkg/aramaic-serto>  
MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
- *The mxedruli package*. A pair of fonts for different Georgian alphabets. 2017-04-18. Version 3.3c. LICENSE: lppl  
URL: <https://ctan.org/pkg/mxedruli>  
MIRROR: <https://mirror.ctan.org/fonts/georgian/mxedruli>
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URL: <https://ctan.org/pkg/biblatex-luh-ipw>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-luh-ipw>
- Heinz, Carsten. *The permute package*. Support for symmetric groups. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/permute>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/permute>
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 URL: <https://ctan.org/pkg/ksp-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ksp-thesis>
- Heitkoetter, Joerg. *The fancychapters package. Chapters with quotations*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fancychapters>  
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- Hejda, Tomas. *The chkfloat package. Warn whenever a float is placed “to far away”*. 2021-08-26. Version 0.1. LICENSE: lpl1.3. The package checks for floats that are placed too far from their origin. It was motivated by a question on the page.  
 URL: <https://ctan.org/pkg/chkfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chkfloat>
- *The eqnalign package. Make eqnarray behave like align*. 2017-02-22. Version 1.0a. LICENSE: lpl1.3. The package makes environment behave like from . It is intended for quick-fixing documents that use . In cases where it fails, manual conversion to is required, but these cases should be seldom.  
 URL: <https://ctan.org/pkg/eqnalign>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
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 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>
- *The TeX-FPC package. A collection of change files for a T<sub>E</sub>X system based on Free Pascal*. 2021-04-08. Version 4th ed. LICENSE: bsd2. This is the followup to , which is based on the GNU Pascal Compiler. GPC is not installable any more, so I switched to FPC, not because it is the best but because it is the only pascal compiler nowadays.  
 URL: <https://ctan.org/pkg/tex-fpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-fpc>
  - *The TeX-GPC package. A collection of change files for a T<sub>E</sub>X system based on GNU Pascal*. 2019-02-22. Version 3rd edition. LICENSE: noinfo  
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- Hellgren, Timo. *The lshort-finnish package. Finnish introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. This is the Finnish translation of , with added coverage of Finnish typesetting rules.  
 URL: <https://ctan.org/pkg/lshort-finnish>  
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 URL: <https://ctan.org/pkg/malayalam-obsolete>  
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 URL: <https://ctan.org/pkg/oriya>  
 MIRROR: <https://mirror.ctan.org/language/oriya>
- Hellström, Lars. *The relenc package. A “relaxed” font encoding*. 2016-06-24. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/relenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relenc>
- *The rtkinenc package. Input encoding with fallback procedures*. 2016-06-24. Version 1.0. LICENSE: lpl1  
 URL: <https://ctan.org/pkg/rtkinenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtkinenc>
  - *The tc1ldoc package. Doc/docstrip for tcl*. 2016-07-19. Version 2.40. LICENSE: lpl1. The tcldoc package and class simplify the application of the / style of literate programming with Dr. John Ousterhout’s Tool Command Language (Tcl, pronounced “tickle”, a.k.a. The Cool Language). The tcldoc package is a bit like the doc package is for L<sup>A</sup>T<sub>E</sub>X, whereas the tcldoc class more parallels the ltxdoc class.

- URL: <https://ctan.org/pkg/tclldoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tclldoc>
- *The xdoc package. Extending the L<sup>A</sup>T<sub>E</sub>X doc system.* 2016-06-24. Version prot2.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/xdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xdoc>
- Hellström, Lars, Alan Jeffrey, Sebastian Rahtz, and Ulrik Vieth. *The fontinst package. Help with installing fonts for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2021-03-31. Version 1.933. LICENSE: lppl  
URL: <https://ctan.org/pkg/fontinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst>
- Helvensteijn, Michiel. *The concepts package. Keeping track of formal ‘concepts’ for a particular field.* 2021-03-01. Version 0.0.5-r1. LICENSE: lppl  
URL: <https://ctan.org/pkg/concepts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concepts>
- *The lt3graph package. Provide a graph datastructure for experimental L<sup>A</sup>T<sub>E</sub>X3.* 2021-03-01. Version 0.1.9. LICENSE: lppl1.3. The package defines a ‘graph’ data structure, for use in documents that are using the .  
URL: <https://ctan.org/pkg/lt3graph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3graph>
  - *The pkgloader package. Manage the options and loading order of other packages.* 2021-03-01. Version 0.7.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pkgloader>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>
  - *The underoverlap package. Position decorations over and under expressions.* 2021-03-01. Version 0.0.1-r1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/underoverlap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underoverlap>
  - *The withargs package. In-place argument substitution.* 2021-03-01. Version 0.3.1. LICENSE: lppl1.3. The command provides a clean way to populate a template (containing , , etc.) using L<sup>A</sup>T<sub>E</sub>X argument substitution. It also allows you to carefully control argument expansion using a L<sup>A</sup>T<sub>E</sub>X3-style argument specification. Uses range from creating readable string templates (akin to C’s function) to performing otherwise complex token-list manipulation.  
URL: <https://ctan.org/pkg/withargs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/withargs>
- Helvensteijn, Michiel and Falk Hanisch. *The noindentafter package. Prevent paragraph indentation after environments or macros.* 2021-05-14. Version 1.00. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/noindentafter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>
- Henderson, Doug and Don Hosek. *The cmoutlines package. Outline versions of the Computer Modern fonts.* 2016-06-24. LICENSE: noinfo. Metafont code which uses the original definitions of the CM fonts to produce an outline set. L<sup>A</sup>T<sub>E</sub>X support is available from the package.  
URL: <https://ctan.org/pkg/cmoutlines>  
MIRROR: <https://mirror.ctan.org/fonts/cm/cmoutlines>
- Henderson, Doug and Scott Pakin. *The dingbat package. Two dingbat symbol fonts.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dingbat>  
MIRROR: <https://mirror.ctan.org/fonts/dingbat>
- Henderson, Troy L. *The MPStoEPS package. A convertor from MetaPost output to Encapsulated PostScript.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/mpstoeps>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
- *The pointruler package. 12” Ruler containing Points and Inches.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pointruler>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
- Hendrickson, Anders O. F. *The getitems package. Gathering items from a list-like environment.* 2016-06-24. Version 1.0. LICENSE: lppl1.3. This package provides a command to parse a list of data separated by tokens. This makes it easier to define custom environments which structure their data in the same way that or do.  
URL: <https://ctan.org/pkg/getitems>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getitems>
- *The qrcode package. Generate QR codes in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.51. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/qrcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcode>



- *The spot package. Spotlight highlighting for Beamer.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/spot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/spot>
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 URL: <https://ctan.org/pkg/moodle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moodle>
- Henel, Yvon. *The annee-scolaire package. Automatically typeset the academic year (French way).* 2020-07-29. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/annee-scolaire>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
- *The clefval package. Key/value support with a hash.* 2020-07-29. Version 0.1. LICENSE: lppl1.3c. This package provides only two macros viz. and to define then use pairs of key/value and gives a semblance of a hash. Syntax: to define the value associated to the key, does not produce text; to return the value linked to the key. Both arguments of are ‘moving’ as L<sup>A</sup>T<sub>E</sub>X defines the term and we have sometimes to protect them.  
 URL: <https://ctan.org/pkg/clefval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clefval>
- *The engpron package. Helps to type the pronunciation of English words.* 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engpron>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engpron>
- *The engrec package. Enumerate with lower- or uppercase Greek letters.* 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engrec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engrec>
- *The expose-expl3-dunkerque-2019 package. Using expl3 to implement some numerical algorithms.* 2020-04-11. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/expose-expl3-dunkerque-2019>  
 MIRROR: <https://mirror.ctan.org/info/expose-expl3-dunkerque-2019>
- *The modroman package. Write numbers in lower case roman numerals.* 2016-06-24. Version 1. LICENSE: lppl. This package provides only two macros viz. which writes the number given as argument in lower case roman numeral with a ‘j’ instead of a ‘i’ as the final letter of numbers greater than 1 and which writes the value of a counter in the same way. You use the first in the same way as the T<sub>E</sub>X primitive and the second as L<sup>A</sup>T<sub>E</sub>X command . The default option is ‘vpourv’ with which 5 is ‘translated’ as ‘v’ and option ‘upourv’ with which the same 5 is given as ‘u’.  
 URL: <https://ctan.org/pkg/modroman>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
- Henel, Yvon. *The nonumonpart package. Prevent page numbers on part pages.* 2016-06-24. Version 1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/nonumonpart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>
- *The paresse package. Define simple macros for greek letters.* 2021-05-16. Version 5.0.2. LICENSE: lppl1.3c. The package defines macros using to type greek letters so that the user may (for example) type to get the effect of . However, it takes care only of letters which have a macro name like or .  
 URL: <https://ctan.org/pkg/paresse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paresse>
- *The simples-matrices package. Define matrices by given list of values.* 2022-07-03. Version 1.0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/simples-matrices>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>
- *The tdsfrmath package. Macros for French teachers of mathematics.* 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tdsfrmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>
- *The yagusylo package. A symbol loader.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/yagusylo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yagusylo>
- Henel, Yvon and Josselin Noirel. *The drac package. Declare active character substitution, robustly.* 2018-01-06. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/drac>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drac>
- Henkel, Hartmut and The T<sub>E</sub>X Live Team. *The tpic2pdfTeX package. Use tpic commands in pdfTeX.* 2017-06-27. LICENSE: gpl. The AWK script converts pic language, embedded inline (delimited by and markers), to commands.

- URL: <https://ctan.org/pkg/tpic2pdfTeX>  
 MIRROR: <https://mirror.ctan.org/graphics/tpic2pdfTeX>
- Henlich, Thomas. *The makeglos package. Include a glossary into a document.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/makeglos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makeglos>
- Henlich, Thomas, Martin Vogel, and Mojca Miklavc. *The marvosym package. Martin Vogel's Symbols (marvosym) font.* 2017-04-18. Version 2.2a. LICENSE: ofl  
 URL: <https://ctan.org/pkg/marvosym>  
 MIRROR: <https://mirror.ctan.org/fonts/marvosym>
- Hennig, Matthias. *The jneurosci package. BibTeX style for the Journal of Neuroscience.* 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jneurosci>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jneurosci>
- *The jphysiol package. BibTeX style for the Journal of Physiology.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jphysiol>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jphysiol>
- Hennig, Stephan. *The bpolynomial package. Drawing polynomial functions of up to order 3.* 2016-06-24. Version 0.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bpolynomial>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
- *The mcaption package. Put captions in the margin.* 2016-06-24. Version 3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcaption>
- *The mpcolornames package. Extend list of predefined colour names for MetaPost.* 2018-01-06. Version 0.20. LICENSE: lppl. The format provides only five built-in colour names (variables), all of which are defined in the RGB model: red, green and blue for the primary colours and black and white. The package makes more than 500 colour names from different colour sets in different colour models available to MetaPost. Colour sets include X11, SVG, DVIPS and specifications.  
 URL: <https://ctan.org/pkg/mpcolornames>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>
- *The semionese 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/semionese>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semionese>
- *The spelling package. Support for spell-checking of LuaTeX documents.* 2016-06-24. Version 0.41. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/spelling>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/spelling>
- Hennig, Stephan. *The textpath package. Setting text along a path with MetaPost.* 2016-06-24. Version 1.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/textpath>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
- Hennig, Stephan and Roland Hieber. *The vc package. The vc (version control) bundle.* 2018-06-11. Version 0.6. LICENSE: pd  
 URL: <https://ctan.org/pkg/vc>  
 MIRROR: <https://mirror.ctan.org/support/vc>
- Hennings, Wilfried, Fernando Dörner, and Andreas Granzer. *The latex2rtf package. Convert L<sup>A</sup>T<sub>E</sub>X into Rich Text Format.* 2017-04-18. Version 2.3.8. LICENSE: lppl. Translates L<sup>A</sup>T<sub>E</sub>X text into RTF (Rich Text Format as used by Microsoft Word and the like). Graphics and tables are converted as are cross references and the bibliography; many packages are supported (in whole or as implementation of a subset of their commands) — for example, the whole of is implemented.  
 URL: <https://ctan.org/pkg/latex2rtf>  
 MIRROR: <https://mirror.ctan.org/support/latex2rtf>
- Henningsen, Arne and Randall Wigle. *The economic package. BibTeX support for submitting to Economics journals.* 2017-04-18. LICENSE: lppl. The bundle offers macros and BibTeX styles for the American Economic Review (AER), the American Journal of Agricultural Economics (AJAE), the Canadian Journal of Economics (CJE), the European Review of Agricultural Economics (ERA), the International Economic Review (IER) and Economica. The macro sets are based on (and require) the package, and all provide variations of author-date styles of presentation.  
 URL: <https://ctan.org/pkg/economic>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic>
- Hensel, Martin. *The mhchem package. Typeset chemical formulae/equations and H and P statements.* 2021-12-31. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mhchem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mhchem>

- Hernández, Noel Merino. *The antique-spanish-units package. A short document about antique spanish units.* 2023-08-25. Version 1.3. LICENSE: cc-by-4  
 URL: <https://ctan.org/pkg/antique-spanish-units>  
 MIRROR: <https://mirror.ctan.org/info/spanish/antique-spanish-units>
- Herpers, Sascha. *The tokenizer package. A tokenizer.* 2016-06-24. Version 1.1.0. LICENSE: lppl. A tokenizer for L<sup>A</sup>T<sub>E</sub>X. splits source into two tokens at the first encounter of a comma. The first token is saved in a newly created command with the name passed as and the second token likewise. A package option “ causes leading and trailing space to be removed from each token; with this option, the command is defined, which removes leading and trailing spaces from its argument.  
 URL: <https://ctan.org/pkg/tokenizer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tokenizer>
- Herrb, Mathieu. *The these package. Bibliography style for French theses.* 2016-06-24. LICENSE: other-free. The style is derived from the standard , with keywords translated and styles converted to French conventions.  
 URL: <https://ctan.org/pkg/these>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/these.bst>
- Herz-Fischler, Roger. *The do-it-yourself-tex package. Back to Plain XeTeX.* 2019-03-19. Version 1.3. LICENSE: pd  
 URL: <https://ctan.org/pkg/do-it-yourself-tex>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/plain/do-it-yourself-tex>
- Heslin, Peter J. *The ellipsis package. Fix uneven spacing around ellipses in L<sup>A</sup>T<sub>E</sub>X text mode.* 2020-06-04. Version 1.8. LICENSE: lppl1.3c. This is a simple package that fixes a problem in the way L<sup>A</sup>T<sub>E</sub>X handles ellipses: it always puts a tiny bit more space after in text mode than before it, which results in the ellipsis being off-center when used between two words.  
 URL: <https://ctan.org/pkg/ellipsis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ellipsis>
- *The ibycus-babel package. Use the Ibycus 4 Greek font with Babel.* 2016-06-24. Version 3.0. LICENSE: lppl. The package allows you to use the Ibycus 4 font for ancient Greek with Babel. It uses a Perl script to generate hyphenation patterns for Ibycus from those for the ordinary Babel encoding, . It sets up as a pseudo-language you can specify in the normal Babel manner. For proper hyphenation of Greek quoted in mid-paragraph, you should use it with (all current distributions of L<sup>A</sup>T<sub>E</sub>X are built with , so the constraint should not be onerous).  
 URL: <https://ctan.org/pkg/ibycus-babel>  
 MIRROR: <https://mirror.ctan.org/language/greek/ibycus-babel>
- 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>
- Hetland, Magnus Lie. *The abspos package. Absolute placement with coffins.* 2022-09-24. Version 0.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/abspos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abspos>
- *The pseudo package. Straightforward pseudocode.* 2023-03-21. Version 1.2.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/pseudo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pseudo>
- *The skeldoc package. Placeholders for unfinished documents.* 2021-02-25. Version 0.1.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/skeldoc>  
 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>
- Heyl, Udo. *The china2e package. Font and macros for Chinese calendar.* 2019-06-21. LICENSE: nosell  
 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 `\marginpar`, 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 `\marginfix`’s function, but this can be unsatisfying for short textual notes, and standard marginpars cannot be mixed with sidebars. This package implements a solution to make marginpars “just work” by keeping a list of floating inserts and arranging them intelligently in the output routine.

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

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

Hilbig, André. *The bewerbung package. Typesetting job applications.* 2022-01-17. Version 1.3. LICENSE: lppl1.3

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

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

- *The gitfile-info package. Get git metadata for a specific file.* 2019-08-21. Version 0.5. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/gitfile-info>

MIRROR: <https://mirror.ctan.org/support/gitfile-info>

Hilbrich, Torsten. *The bbm-macros package. L<sup>A</sup>T<sub>E</sub>X support for “blackboard-style” cm fonts.* 2016-06-24. LICENSE: lppl. Provides L<sup>A</sup>T<sub>E</sub>X support for `\bm`. 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>

Hill, Jörg-Rüdiger. *The chem-journal package. Various BibTeX formats for journals in Chemistry.* 2016-06-24. LICENSE: gpl

URL: <https://ctan.org/pkg/chem-journal>

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal>

Hill, Jörg-Rüdiger and Antonio Cervellino. *The jcc package. BibTeX style file for J. Comp. Chem.* 2016-06-24. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chem-journal/jcc.bst>

Hillebrand, Thomas. *The hexdump package. Read and typeset ASCII hexdump files.* 2016-06-24. Version 0.1. LICENSE: other-nonfree

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

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

Hilléreau, Mael. *The alphabib package. Add alphabetical headers into citations.* 2016-06-24. Version 1.0. LICENSE: gpl

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>

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

Himmelmann, Maurizio W., Emiliano Giovanni Vavassori, and Fabiano Busdraghi. *The GuIT-corso package. Introduzione al mondo di L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: nocommercial

URL: <https://ctan.org/pkg/guit-corso>

MIRROR: [https://mirror.ctan.org/info/italian/GuIT/corso\\_guit](https://mirror.ctan.org/info/italian/GuIT/corso_guit)

Hinque, Christian. *The theatre package. A sophisticated package for typesetting stage plays.* 2017-09-22. Version 0.1. LICENSE: lppl1.2

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

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

Hinrichs, Adrian C. *The cheatsheet package. A simple cheatsheet class.* 2017-08-20. Version 0.8. LICENSE: mit. The package provides a clean, multi-column design intended for cheat sheets. It imports the most useful packages and encloses the document in a `cheatsheet` 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/macros/latex/contrib/mathtools>
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 MIRROR: <https://mirror.ctan.org/support/nlatexdb>
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URL: <https://ctan.org/pkg/lextex>  
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URL: <https://ctan.org/pkg/appeqnum>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/appeqnum.sty>
- *The cmpica package. A Computer Modern Pica variant*. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/cmpica>  
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URL: <https://ctan.org/pkg/mflogo209>  
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URL: <https://ctan.org/pkg/resumemac>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/resumemac>
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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".  
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MIRROR: <https://mirror.ctan.org/macros/generic/misc/default.sty>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/eqnarray.sty>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hangcaption.sty>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/addfont>
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URL: <https://ctan.org/pkg/aessupp>  
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URL: <https://ctan.org/pkg/carolmin-t1>  
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MIRROR: <https://mirror.ctan.org/fonts/fonetika>
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MIRROR: <https://mirror.ctan.org/fonts/frimurer>
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URL: <https://ctan.org/pkg/mparrows>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mparrows>
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URL: <https://ctan.org/pkg/ocr-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ocr-latex>
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URL: <https://ctan.org/pkg/plimsoll>  
MIRROR: <https://mirror.ctan.org/fonts/plimsoll>
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URL: <https://ctan.org/pkg/punk-latex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/punk-latex>
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URL: <https://ctan.org/pkg/subtext>  
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URL: <https://ctan.org/pkg/thinsp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thinsp>
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MIRROR: <https://mirror.ctan.org/dviware/dvivue>
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URL: <https://ctan.org/pkg/ltx2mathml>  
MIRROR: <https://mirror.ctan.org/support/ltx2mathml>
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MIRROR: <https://mirror.ctan.org/fonts/utilities/t1subset>
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URL: <https://ctan.org/pkg/lshort-bulgarian>  
MIRROR: <https://mirror.ctan.org/info/lshort/bulgarian>
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- cannot possibly work under L<sup>A</sup>T<sub>E</sub>X 2e, and has nothing to do with the L<sup>A</sup>T<sub>E</sub>X 2e bundle.  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/format.sty>
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 MIRROR: <https://mirror.ctan.org/fonts/thai/fonts-arundina>
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 URL: <https://ctan.org/pkg/fonts-tlwg>  
 MIRROR: <https://mirror.ctan.org/fonts/thai/fonts-tlwg>
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 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidicontour>
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 URL: <https://ctan.org/pkg/bidihl>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidihl>
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 URL: <https://ctan.org/pkg/bidipagegrid>  
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MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidipresentation>
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URL: <https://ctan.org/pkg/bidishadowtext>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/bidishadowtext>
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MIRROR: <https://mirror.ctan.org/language/hyphenation/fahyph>
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URL: <https://ctan.org/pkg/fribidixetex>  
MIRROR: <https://mirror.ctan.org/support/fribidixetex>
  - *The ftnxtra package.* Extend the applicability of the \footnote command. 2019-09-08. Version 0.1. LICENSE: lppl. The package treats footnotes in , the environment, and and other -like commands.  
URL: <https://ctan.org/pkg/ftnxtra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftnxtra>
  - *The ghab package.* Typeset ghab boxes in L<sup>A</sup>T<sub>E</sub>X. 2019-09-08. Version 0.5. LICENSE: lppl. The package defines a command that will typeset its argument in a box with a decorated frame. The width of the box may be set using an optional argument.  
URL: <https://ctan.org/pkg/ghab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ghab>
  - *The imspoc package.* Typeset IMS conference proceedings. 2019-09-08. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/imsproc>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/imsproc>
  - *The mpgraphics package.* Process and display MetaPost figures inline. 2019-09-08. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mpgraphics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mpgraphics>
  - *The parisa package.* Parisa family of fonts. 2019-09-08. Version 0.1. LICENSE: gpl3  
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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>
- *The roundbox package.* Round boxes in L<sup>A</sup>T<sub>E</sub>X. 2019-09-08. Version 0.2. LICENSE: lppl1.3. This package implements a command that can be used, in L<sup>A</sup>T<sub>E</sub>X, for producing boxes, framed with rounded corners.  
URL: <https://ctan.org/pkg/roundbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/roundbox>
  - *The showcharinbox package.* Show characters inside a box. 2019-09-08. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/showcharinbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showcharinbox>
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URL: <https://ctan.org/pkg/simurgh>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/simurgh>
  - *The tram package.* Typeset tram boxes in L<sup>A</sup>T<sub>E</sub>X. 2019-09-08. Version 0.2. LICENSE: lppl. Tram boxes are highlighted with patterns of dots; the package defines an environment that typesets its content into a tram box. The pattern used may be selected in an optional argument to the environment.  
URL: <https://ctan.org/pkg/tram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tram>
  - *The unicode-bidi package.* Experimental unicode bidi package for XeTeX. 2019-09-08. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/unicode-bidi>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unicode-bidi>

- *The xecolor package. Support for color in Xe<sub>La</sub>TeX.* 2019-09-08. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xecolor>  
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 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xepersian>
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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/elpres>
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 URL: <https://ctan.org/pkg/adrconv>  
 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>
- *The lexikon package. Macros for a two language dictionary.* 2016-06-18. Version 1.0c. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lexikon>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lexikon>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/inverserif>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/jugendstil>



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URL: <https://ctan.org/pkg/softmaker-moab>  
MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/moab>
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URL: <https://ctan.org/pkg/softmaker-nevada>  
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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URL: <https://ctan.org/pkg/softmaker-quadrat>  
MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/quadrat>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/vagrounded>
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 URL: <https://ctan.org/pkg/knuth-lib>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/lib>
- *The knuth-local package*. Knuth’s local information. 2021-03-09. LICENSE: pd. A collection of experimental programs and developments based on, or complementary to, the matter in his .



- URL: <https://ctan.org/pkg/knuth-local>
- MIRROR: <https://mirror.ctan.org/systems/knuth/local>
- *The list package*. List ASCII text files. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/list>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/list.tex>
- *The llist package*. List ASCII text files in landscape. 2016-06-24. LICENSE: knuth
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- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/llist.tex>
- *The Metafont package*. A system for specifying fonts. 2022-02-01. Version 2.71828182. LICENSE: knuth
- URL: <https://ctan.org/pkg/metafont>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf>
- *The mfbook package*. The source of *The Metafontbook*. 2021-02-09. LICENSE: other-nonfree
- URL: <https://ctan.org/pkg/mfbook>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf/mfbook.tex>
- *The picmac package*. A picture mode in Plain  $\TeX$ . 2016-11-06. LICENSE: knuth
- URL: <https://ctan.org/pkg/picmac>
- MIRROR: <https://mirror.ctan.org/systems/knuth/local/lib/picmac.tex>
- *The plain package*. The Plain  $\TeX$  format. 2016-11-06. Version 3.141592653. LICENSE: knuth
- URL: <https://ctan.org/pkg/plain>
- MIRROR: <https://mirror.ctan.org/macros/plain/base>
- *The ransom package*. A “very bad typewriter” font. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/ransom>
- MIRROR: <https://mirror.ctan.org/fonts/ransom>
- *The selectpage package*. Select pages to be output from a document. 2020-04-11. LICENSE: knuth
- URL: <https://ctan.org/pkg/selectpage>
- MIRROR: <https://mirror.ctan.org/macros/generic/misc/selectpage.tex>
- *The tangle package*. Generate compilable source from web. 2021-02-09. Version 4.6. LICENSE: knuth. This is the component of Knuth’s that produces a compilable source from the web representation of a program.
- URL: <https://ctan.org/pkg/tangle>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/tangle.web>
- Knuth, Donald E. *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 TeXbook*. 2021-02-09. LICENSE: other-nonfree
- URL: <https://ctan.org/pkg/texbook>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex/texbook.tex>
- *The texware package*. Utility programs for use with  $\TeX$ . 2021-08-26. LICENSE: pd
- URL: <https://ctan.org/pkg/texware>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/texware>
- *The twocolumns package*. Knuth’s two-column output macros. 2016-06-24. LICENSE: knuth
- URL: <https://ctan.org/pkg/twocolumns>
- MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2columns.mac>
- *The vf-knuth package*. Knuth on virtual fonts. 2021-08-26. LICENSE: knuth
- URL: <https://ctan.org/pkg/vf-knuth>
- MIRROR: <https://mirror.ctan.org/info/knuth/virtual-fonts>
- *The vfware package*. Tools for virtual font metrics. 2021-08-26. LICENSE: knuth
- URL: <https://ctan.org/pkg/vfware>
- MIRROR: <https://mirror.ctan.org/systems/knuth/dist/etc>
- *The weave package*. Generate  $\TeX$  source from web. 2021-02-09. Version 4.5. LICENSE: knuth. This is the component of Knuth’s that produces  $\TeX$  input from the web representation of a program, ready for typesetting.

- URL: <https://ctan.org/pkg/weave>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/weave.web>
- *The web package. The original literate programming system.* 2016-06-24. Version 4.5. LICENSE: knuth. The system processes ‘web’ files in two ways: firstly to rearrange them to produce compilable code (using the program ), and secondly to produce a  $\TeX$  source (using the program ) that may be typeset for comfortable reading.  
URL: <https://ctan.org/pkg/web>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web>
  - Knuth, Donald E. and Rohit Grover. *The punk package. Donald Knuth’s punk font.* 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/punk>  
MIRROR: <https://mirror.ctan.org/fonts/punk>
  - Knuth, Donald E. and Taco Hoekwater. *The manual package. Knuth’s “manual” fonts.* 2016-11-05. LICENSE: knuth. Metafont (by Donald Knuth) and Adobe Type 1 (by Taco Hoekwater) versions of the font containing the odd symbols Knuth uses in his books.  $\LaTeX$  support is available using the package  
URL: <https://ctan.org/pkg/manual>  
MIRROR: <https://mirror.ctan.org/fonts/manual>
  - *The mflogo-font package. Metafont logo font.* 2022-02-01. Version 1.002. LICENSE: knuth  
URL: <https://ctan.org/pkg/mflogo-font>  
MIRROR: <https://mirror.ctan.org/fonts/mflogo>
  - Knuth, Donald E., Leslie Lamport, Pierre A. MacKay, Richard Schwartz, and Michael Melliard-Smith. *The latex-fonts package. A collection of fonts used in  $\LaTeX$  distributions.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/latex-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/latex>
  - Knuth, Donald E., Tom Rokicki, and David R. Fuchs. *The mfware package. Supporting tools for use with Metafont.* 2021-08-26. LICENSE: pd. A collection of programs (as web source) for processing the output of .  
URL: <https://ctan.org/pkg/mfware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mfware>
  - Knuth, Donald E., Andreas Scherer, and Silvio Levy. *The cweb package. A Web system in C.* 2023-08-19. Version 4.10. LICENSE: knuth  
URL: <https://ctan.org/pkg/cweb>  
MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cweb](https://mirror.ctan.org/web/c_cpp/cweb)
  - Knuutila, Timo. *The tpcmfnt package. Computer modern fonts in “true point sizes”.* 2016-06-24. Version 1.1. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/tpcmfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tpcmfont>
  - Koch, Dick. *The texshop package. TeX front end for use on MacOS X.* 2023-08-24. Version 5.16. LICENSE: gpl. TeXShop is a  $\TeX$  previewer for Mac OS X, written in Cocoa.  $\TeX$ Shop uses and in its default configuration, to conform with Mac OS X’s predilection for PDF.  
URL: <https://ctan.org/pkg/texshop>  
MIRROR: <https://mirror.ctan.org/support/texshop>
  - Kocic, Mikica. *The xcpdftips package. Natbib citations with PDF tooltips.* 2019-05-01. Version 1.1. LICENSE: gpl3+. This  $\LaTeX$  package uses and to surround citations with PDF tooltips.  
URL: <https://ctan.org/pkg/xcpdftips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcpdftips>
  - Kockaert, Pascal. *The psfragx package. A psfrag eXtension.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/psfragx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psfragx>
  - Koellner, Armin. *The VSliTeX package. Virtual invisible fonts for use with  $\LaTeX$  Slides class.* 2016-06-24. Version 0.4. LICENSE: noinfo. The  $\LaTeX$  2.09-based program SliTeX, and the corresponding  $\LaTeX$  class, use invisible fonts when producing multi-coloured overlays on foils. SliTeX distributions included a set of invisible versions of the Metafont sources of the Computer Modern fonts (an odd concept, but it worked). The present bundle provides a (somewhat more intellectually satisfying) set of virtual fonts that provide the same information (i.e., effectively metrics only) without the need to compile a Metafont source to get it.  
URL: <https://ctan.org/pkg/vslitex>  
MIRROR: <https://mirror.ctan.org/fonts/vf-files/vslitex>
  - Kohler, Eddie. *The LCDf-typetools package. A bundle of outline font manipulation tools.* 2020-02-20. LICENSE: gpl  
URL: <https://ctan.org/pkg/lcdf-typetools>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
  - *The mmafm package. Font metrics for multiple-master font.* 2017-04-18. LICENSE: gpl  
URL: <https://ctan.org/pkg/mmamf>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>

- *The mmpfb package. Create instance of multiple-master font.* 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmpfb>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/lcdf-typetools>
- *The mmttools package. Multiple master fonts tools.* 2017-04-18. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mmttools>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/utilities/mmttools>
- Köhler, Andreas. *The Mid2TeX/Free package. Convert MIDI to MusicTeX input.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mid2tex>  
 MIRROR: <https://mirror.ctan.org/support/mid2tex>
- Kohlhase, Michael. *The dfghproposal package. Support for writing proposals to the DFG.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dfghproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- *The ed package. Editorial Notes for L<sup>A</sup>T<sub>E</sub>X documents.* 2017-04-18. Version 1.8. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/ed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ed>
- *The errata package. Error markup for L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. Version 0.3. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/errata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/errata>
- *The euproposal package. A class for preparing FP7 proposals.* 2016-06-24. Version 0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/euproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- *The proposal package. A set of L<sup>A</sup>T<sub>E</sub>X classes for preparing proposals for collaborative projects.* 2017-04-18. LICENSE: lppl  
 URL: <https://ctan.org/pkg/proposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- Kohlhase, Michael and Dennis Müller. *The sTeX package. An Infrastructure for Semantic Preloading of L<sup>A</sup>T<sub>E</sub>X Documents.* 2023-03-21. Version 3.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/stex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stex>
- Kohm, Markus. *The defoldfonts package. Define old font commands.* 2023-08-20. Version 1.0. LICENSE: lppl1.3c. In 1994, with L<sup>A</sup>T<sub>E</sub>X2e, the old font commands , , , , , and became obsolete. This package defines them, and also the deprecated KOMA-Script command .  
 URL: <https://ctan.org/pkg/defoldfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/defoldfonts>
- Kohm, Markus. *The floatbytocbasic package. An enhancement to package float using package tocbasic.* 2023-08-20. Version 1.0. LICENSE: lppl1.3c. This package adds usage of package to package . This not only improves compatibility with but also adds several new features to like optional automatic entries to the table of contents for the lists of new floats, optional numbering of the lists of new floats etc.  
 URL: <https://ctan.org/pkg/floatbytocbasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatbytocbasic>
- *The floatrowbytocbasic package. An enhancement to package floatrow using package tocbasic.* 2023-08-20. Version 1.0. LICENSE: lppl1.3c. This package adds usage of package to package . This not only improves compatibility with but also adds several new features to like optional automatic entries to the table of contents for the lists of new floats, optional numbering of the lists of new floats etc.  
 URL: <https://ctan.org/pkg/floatrowbytocbasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatrowbytocbasic>
- *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.* 2023-07-07. Version 3.41. 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>
- *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>
- Kohm, Markus. *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.* 2023-07-07. Version 3.41. 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.* 2023-04-24. Version 3.40. 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. 2023-07-07. Version 3.41. 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. 2023-07-07. Version 3.41. 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. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrextend>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrjura package*. Koma-Script support for lawyers, etc. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrjura>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer package*. Manage text ‘layers’ within Koma-Script. 2023-07-07. Version 3.41. LICENSE: lppl1.3c. The package is part of the , and provides control of ‘background’ and ‘foreground’ layers for a page style description.  
URL: <https://ctan.org/pkg/sclayer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer-fancyhdr package*. Combining package fancyhdr with Koma-Script’s sclayer. 2022-07-08. Version 0.2.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/sclayer-fancyhdr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sclayer-fancyhdr>
- *The sclayer-notecolumn package*. Control note columns parallel to the main text. 2022-07-04. Version 0.3.3915. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/sclayer-notecolumn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The sclayer-scrpage package*. Define and manage page styles. 2023-07-07. Version 3.41. LICENSE: lppl1.3c. This package is the part of the bundle that provides an end user interface to , allowing the user to define and manage page styles by controlling page headers and footers. The end user interface is compatible enough to that of the earlier package, so that users should easily be able to switch from the older package to the newer, more powerful, one.  
URL: <https://ctan.org/pkg/sclayer-scrpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrletter package*. Letter extension to Koma-Script classes. 2023-07-07. Version 3.41. 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. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- Kohm, Markus. *The scr1ttr2 package*. Koma-Script ‘letter’ class. 2023-04-24. Version 3.40. 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. 2023-07-07. Version 3.41. 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. 2023-07-07. Version 3.41. 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. 2023-04-28. Version 0.1.99. 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/scrwfile>
- *The setspaceenhanced package*. An enhancement of the setspace package. 2023-08-20. Version 1.0. LICENSE: lppl1.3c. This package adds support for all font sizes, even non-integer resp. non-pt sizes to package . This not only improves compatibility with Koma-Script but also corrects the stretch value of the usual font sizes.



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MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst-contrib/grkfst>
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MIRROR: <https://mirror.ctan.org/dviware/dvipsconfig>
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URL: <https://ctan.org/pkg/listbib>  
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URL: <https://ctan.org/pkg/savefnmark>  
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URL: <https://ctan.org/pkg/apptools>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/macroswap>
  - *The rjlparschap package. Support for use of \parshape 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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currently thousands of styles in CSL including the most widely used APA, Chicago, Vancouver, etc. The citation-style-language package is aimed to provide another reference formatting method for L<sup>A</sup>T<sub>E</sub>X that utilizes the CSL styles. It contains a citation processor implemented in pure Lua () which reads bibliographic metadata and performs sorting and formatting on both citations and bibliography according to the selected CSL style. A L<sup>A</sup>T<sub>E</sub>X package () is provided to communicate with the processor.

URL: <https://ctan.org/pkg/citation-style-language>

MIRROR: <https://mirror.ctan.org/biblio/citation-style-language>

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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/gitinfo>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gitinfo2>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gitlog>
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 URL: <https://ctan.org/pkg/arabicfront>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arabicfront>
- *The babel-azerbaijani package. Support for Azerbaijani within babel*. 2017-06-05. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-azerbaijani>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/azerbaijani>
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  - *The checkend package. Extend “improperly closed environment” messages*. 2019-09-28. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/checkend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/checkend>
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 URL: <https://ctan.org/pkg/colorspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorspace>

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URL: <https://ctan.org/pkg/dotlessi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotlessi>
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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 fixpdfmag package*. Fix magnification in pdfTeX. 2016-06-24. LICENSE: pd. A recent change to pdfTeX has caused magnification to apply to page dimensions. This small package changes the values set in the page dimension variables from `to` , thus evading the effects of .  
URL: <https://ctan.org/pkg/fixpdfmag>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdfmag.tex>
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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 an definition file for a windows Guarani code page.  
URL: <https://ctan.org/pkg/guarani>  
MIRROR: <https://mirror.ctan.org/language/guarani>
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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., L<sup>A</sup>T<sub>E</sub>X running over ). 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>
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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>
- *The texemplar package*. A class for the journal of CervanTeX. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/texemplar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/TeXemplar>

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URL: <https://ctan.org/pkg/tipos>  
MIRROR: <https://mirror.ctan.org/obsolete/info/spanish/tipos>
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URL: <https://ctan.org/pkg/titleps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
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URL: <https://ctan.org/pkg/titlesec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
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URL: <https://ctan.org/pkg/titletoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
- López, Javier Bezos and Johannes L. Braams. *The babel package. 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.* 2023-08-29. Version 3.93. LICENSE: lppl1.3  
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>
- López, Javier Bezos and Johannes L. Braams. *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>
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URL: <https://ctan.org/pkg/babel-interlingua>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/interlingua>
- *The babel-irish package. Babel support for Irish.* 2018-01-13. Version 1.0h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/irish>
- *The babel-kurmanji package. Babel support for Kurmanji.* 2018-04-25. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-kurmanji>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/kurmanji>
- *The babel-norsk package. Babel support for Norwegian.* 2022-11-17. Version 2.0i. LICENSE: lppl1.3. The package provides the language definition file for support of Norwegian in . Some shortcuts are defined, as well as translations to Norsk of standard



“LaTeX names”.

URL: <https://ctan.org/pkg/babel-norsk>

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

- *The babel-portuges package. Babel support for Portuges.* 2021-07-09. Version 1.2t. LICENSE: lppl1.3. The package provides the language definition file for support of Portuguese and Brazilian Portuguese in . Some shortcuts are defined, as well as translations to Portuguese of standard “LaTeX names”.

URL: <https://ctan.org/pkg/babel-portuges>

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

- *The babel-scottish package. Babel support for Scottish Gaelic.* 2018-01-13. Version 1.0g. LICENSE: lppl1.3. The package provides the language definition file for support of Gaidhlig (Scottish Gaelic) in . Some shortcuts are defined, as well as translations of standard “LaTeX names”.

URL: <https://ctan.org/pkg/babel-scottish>

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

- *The babel-slovenian package. Babel support for typesetting Slovenian.* 2021-02-06. Version 1.2n. LICENSE: lppl1.3. The package provides the language definition file for support of Slovenian in . Several shortcuts are defined, as well as translations to Slovenian of standard “LaTeX names”.

URL: <https://ctan.org/pkg/babel-slovenian>

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

- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text.* 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .

URL: <https://ctan.org/pkg/babel-italian>

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

- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak.* 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of LaTeX built-in-names. Shortcuts are also defined.

URL: <https://ctan.org/pkg/babel-slovak>

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

- López, Javier Bezos, Johannes L. Braams, and Sten Hellman. *The babel-swedish package. Babel support for typesetting Swedish.* 2021-02-06. Version 2.3e. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/babel-swedish>

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

- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian.* 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “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, Arthur Rosendahl, and Udi Fogiel. *The babel-hebrew package. Babel support for Hebrew.* 2023-08-22. Version 2.4a. 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)*. 2023-06-10. 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/obsolete/info/german/fonteinf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish*. 2021-05-27. Version 5.0q. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/babel-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/spanish>
- López, Joaquín Ataz. *The guia-bibtex package. Guia casi completa de BibTeX*. 2016-06-24. LICENSE: fdl
- URL: <https://ctan.org/pkg/guia-bibtex>  
 MIRROR: <https://mirror.ctan.org/info/spanish/guia-bibtex>
- López-Valencia, Alejandro and Santafé de Bogotá. *The oztex-fonts package. Fonts packaged for use in OzTeX*. 2016-06-24. LICENSE: other-free
- URL: <https://ctan.org/pkg/oztex-fonts>  
 MIRROR: <https://mirror.ctan.org/systems/mac/fonts/oztex>
- Lorenz, Björn. *The neufont package. New font installation*. 2016-06-24. LICENSE: lppl
- URL: <https://ctan.org/pkg/neufont>  
 MIRROR: <https://mirror.ctan.org/info/german/neufont.tex>
- Lorenzen, Klaus F. and Helge Baumann. *The din1505 package. Bibliography styles for German texts*. 2016-06-24. LICENSE: other-free. A set of bibliography styles that conform to DIN 1505, and match the original BibTeX standard set ( , , and ), together with a style to work with .
- URL: <https://ctan.org/pkg/din1505>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/din1505>
- Loretan, Mico. *The selnolig package. Selectively disable typographic ligatures*. 2018-03-07. Version 0.302. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/selnolig>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/selnolig>
- Loreti, Maurizio. *The brushscr package. A handwriting script font*. 2019-07-06. LICENSE: pd. The BrushScript font simulates 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>

- *The recipe package*. A  $\text{\LaTeX}$  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  $\text{\LaTeX}$  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  $\text{\TeX}$  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. 2023-05-17. Version 3.1.0. LICENSE: apache2,mit  
URL: <https://ctan.org/pkg/pkgcheck>  
MIRROR: <https://mirror.ctan.org/support/pkgcheck>
- Lotze, Thomas. *The genmpage package*. Generalization of  $\text{\LaTeX}$ ’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  $\text{\LaTeX}$ . 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  $\text{\SLiTeX}$ . 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>
- Lu, Shilong. *The beautybook package*. A beautiful book template for maths and science. 2023-06-27. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/beautybook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beautybook>
- 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  $\text{\LaTeX}$ . 2016-06-24. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/latexwide>  
MIRROR: [https://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)
- *The russian-help package*.  $\text{\LaTeX}$  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  $\TeX$ ’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  $\TeX$  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  $\text{PicTeX}$  documentation*. 2017-05-05. LICENSE: other-free  
 URL: <https://ctan.org/pkg/doc-pictex>  
 MIRROR: <https://mirror.ctan.org/info/pictex/Doc-PiCTeX.txt>
  - *The `dowith` package. Apply a command to a list of items*. 2017-05-05. Version r0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dowith>  
 MIRROR: <https://mirror.ctan.org/macros/generic/dowith>
  - *The `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*. 2022-12-07. Version 1.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ednotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ednotes>
  - *The `fifinddo` package. Filtering files using  $\TeX$* . 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>
- Lück, Uwe. *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  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  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  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  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  $\text{L}^{\text{A}}\text{T}_{\text{E}}\text{X}$  internal command is used automatically used at the end of footnote texts to insert a strut to avoid mis-spacing of multiple footnotes. Unfortunately the command can cause a blank line at the end of a footnote. The package provides a solution to this problem.  
 URL: <https://ctan.org/pkg/finstrut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/finstrut>
  - *The `ifnextok` package. Utility macro: peek ahead without ignoring spaces*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifnextok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>



- *The inputtrc package. Trace which file loads which.* 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/inputtrc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>
- *The langcode package. Simple language-dependent settings based on language codes.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/langcode>  
 MIRROR: <https://mirror.ctan.org/macros/generic/langcode>
- *The latexfileinfo-pkgs package. A comparison of packages showing L<sup>A</sup>T<sub>E</sub>X file information.* 2017-05-06. Version 0.22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latexfileinfo-pkgs>  
 MIRROR: <https://mirror.ctan.org/info/latexfileinfo-pkgs>
- *The longnamefilelist package. Tidy \listfiles with long file names.* 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L<sup>A</sup>T<sub>E</sub>X’s command with an optional argument for the number of characters in the longest base filename. This way you get a neatly aligned file list even when it contains files whose base names have more than 8 characters. The package can be combined with the package as explained in the documentation.  
 URL: <https://ctan.org/pkg/longnamefilelist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longnamefilelist>
- *The ltabptch package. Bug fix for longtable.* 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for L<sup>A</sup>T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
 URL: <https://ctan.org/pkg/ltabptch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>
- *The makedoc package. Preprocessing documentation with T<sub>E</sub>X.* 2017-05-06. Version 0.52. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/makedoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- *The monofill package. Alignment of plain text.* 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/monofill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/monofill>
- *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.* 2023-02-14. Version 0.9b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/nicefilelist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicefilelist>
- *The nicetext package. Minimal markup for simple text (Wikipedia style) and documentation.* 2017-05-06. Version r0.67. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nicetext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- Lück, Uwe. *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>
- *The readprov package. Provides GetFileInfo without the need to load the file.* 2017-05-06. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/readprov>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>



- *The tamefloats package. Experimentally use \holdinginserts with L<sup>A</sup>T<sub>E</sub>X floats.* 2017-05-06. Version 0.42. LICENSE: lppl1.3. LaTeX’s figures, tables, and s are dangerous for footnotes (and probably also ). Here is a proposal (a ‘patch’ package) to help, by using in a simple way. It replaces the original problem with a new one — it is an experiment to find out whether the new problem is less bad (or it is just a contribution to the discussion, maybe just a summary of previous work). The files provide further information.  
URL: <https://ctan.org/pkg/tamefloats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tamefloats>
- *The typeoutfileinfo package. Display class/package/file information.* 2023-07-29. Version 0.32. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/typeoutfileinfo>  
MIRROR: <https://mirror.ctan.org/support/typeoutfileinfo>
- *The versions package. Optionally omit pieces of text.* 2017-05-06. Version 0.55. LICENSE: lppl1.3. Stephan Bellantoni’s has provided preamble commands for selecting environments to be included/excluded. This package does the same, but corrects, improves, and extends it in both implementation and function.  
URL: <https://ctan.org/pkg/versions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/versions>
- *The wiki package. Use Wiki-style markup in a L<sup>A</sup>T<sub>E</sub>X document.* 2017-05-06. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/wiki>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
- Lück, Uwe and Karl Wette. *The fnlineno package. Number the lines of footnotes.* 2022-12-05. Version 0.55. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fnlineno>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lineno>
- Lüddecke, Jobst-Hartmut. *The bard package. Celtic bardic runes font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bard>  
MIRROR: <https://mirror.ctan.org/fonts/bard/bard.mf>
- *The srune package. Saxon rune font.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/srune>  
MIRROR: <https://mirror.ctan.org/fonts/srune>
- Ludewig, Berthold. *The schwel1 package. Calligraphic font for typesetting handwriting in Schwell style.* 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/schwel1>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style.* 2016-07-29. LICENSE: pd  
URL: <https://ctan.org/pkg/sueterlin>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The va package. Handwriting fonts.* 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a L<sup>A</sup>T<sub>E</sub>X .fd file, and full macro support for use with L<sup>A</sup>T<sub>E</sub>X is available in the bundle.  
URL: <https://ctan.org/pkg/va>  
MIRROR: <https://mirror.ctan.org/fonts/va>
- Ludwig, Matthias and Christine Römer. *The translation-enumitem-de package. Enumitem documentation, in German.* 2016-06-24. LICENSE: lppl. This is a translation of the manual for .  
URL: <https://ctan.org/pkg/translation-enumitem-de>  
MIRROR: <https://mirror.ctan.org/info/translations/enumitem/de>
- Luecking, Daniel H. *The fntproof package. A programmable font test pattern generator.* 2016-06-24. LICENSE: pd. The package implements all the font testing commands of Knuth’s , but arranges that information necessary for each command is supplied as arguments to that command, rather than prompted for. This makes it possible to type all the tests in one command line, and easy to input the package in a file and to use the commands there. A few additional commands supporting this last purpose are also made available.  
URL: <https://ctan.org/pkg/fntproof>  
MIRROR: <https://mirror.ctan.org/macros/generic/fntproof>
- *The mathdots package. Commands to produce dots in math that respect font size.* 2016-06-24. Version 0.9. LICENSE: lppl. Redefines and , and defines . The dots produced by slant in the opposite direction to . All the commands are designed to change size appropriately in scripts, as well as in response to L<sup>A</sup>T<sub>E</sub>X size changing commands. The commands may also be used in plain T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/mathdots>  
MIRROR: <https://mirror.ctan.org/macros/generic/mathdots>
- *The minifp package. Fixed-point real computations to 8 decimals.* 2016-06-24. Version 0.96. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/minifp>  
MIRROR: <https://mirror.ctan.org/macros/generic/minifp>

- *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>
- Lukas, Florian. *The rorlink package. Create ROR symbols which links to the given ROR-IDs.* 2023-06-24. Version 1.1.0. LICENSE: lppl1.3c. This package provides an easy to use command. It takes an URL of the Research Organization Registry (ROR) as argument and creates a ROR symbol which links to the given URL — very similar to the package from which it is derived. The symbol itself always fits with the choosen font size.  
URL: <https://ctan.org/pkg/rorlink>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rorlink>
- Lukaszcyk, Stephan. *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany.* 2023-07-04. Version 3.1.0. 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>
- Lupkowski, Paweł. *The fancyslides package. Custom presentation class built upon L<sup>A</sup>T<sub>E</sub>X Beamer*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancyslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyslides>
- Lupton, Robert. *The rtf2tex package. Convert RTF to T<sub>E</sub>X*. 2016-06-24. Version 1.02. LICENSE: other-free  
URL: <https://ctan.org/pkg/rtf2tex>  
MIRROR: <https://mirror.ctan.org/support/rtf2tex>
- Luque, Jean-Gabriel. *The pst-cox package. Drawing regular complex polytopes with PSTricks*. 2019-02-03. Version 0.98 Beta. LICENSE: lgpl  
URL: <https://ctan.org/pkg/pst-cox>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cox>
- Luque, Manuel. *The pst-contourplot package. Draw implicit functions using the “marching squares” algorithm*. 2018-07-23. Version 0.6. LICENSE: lppl. This package allows to draw implicit functions “ $f(x,y) = 0$ ” with options for coloring the inside of the surfaces, for marking the points and arrowing the curve at points chosen by the user. The package uses the algorithm.  
URL: <https://ctan.org/pkg/pst-contourplot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-contourplot>
- Luque, Manuel, Denis Girou, and Herbert Voß. *The pst-lens package. Lenses with PSTricks*. 2018-09-15. Version 1.02. LICENSE: lppl. This package provides a really rather simple command that will draw a lens. Command parameters provide a remarkable range of effects.  
URL: <https://ctan.org/pkg/pst-lens>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lens>
- Luque, Manuel and Christophe Jorssen. *The pst-osci package. Oscgons with PSTricks*. 2018-09-15. Version 2.82. LICENSE: lppl. This package enables you to produce oscilloscope “screen shots”. Three channels can be used to represent the most common signals (damped or not): namely sinusoidal, rectangular, triangular, dog’s tooth (left and right oriented). The third channel allows you to add, to subtract or to multiply the two other signals. Lissajous diagrams (XY-mode) can also be obtained.  
URL: <https://ctan.org/pkg/pst-osci>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-osci>
- Luque, Manuel, Giuseppe Matarazzo, and Herbert Voß. *The pst-geo package. Geographical Projections*. 2021-09-01. Version 0.07. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-geo>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geo>
- Luque, Manuel and Herbert Voß. *The pst-am package. Simulation of modulation and demodulation*. 2016-06-24. Version 1.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-am>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
- Luque, Manuel and Herbert Voß. *The pst-calendar package. Plot calendars in “fancy” ways*. 2021-09-11. Version 0.48. LICENSE: lppl. The package uses and to draw tabular calendars, or calendars on dodecahedra with a month to each face (the package also requires the and packages). The package works for years 2000–2099, and has options for calendars in French German and English, but the documentation is not available in English.  
URL: <https://ctan.org/pkg/pst-calendar>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-calendar>
- *The pst-cie package. CIE color space*. 2021-11-04. Version 1.06b. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-cie>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-cie>
  - *The pst-diffraction package. Print diffraction patterns from various apertures*. 2022-04-06. Version 2.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-diffraction>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-diffraction>
  - *The pst-fun package. Draw “funny” objects with PSTricks*. 2016-06-24. Version 0.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-fun>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fun>
  - *The pst-mirror package. Images on a spherical mirror*. 2021-09-14. Version 1.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-mirror>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-mirror>

- *The pst-optic package. Drawing optics diagrams.* 2023-05-07. Version 1.02a. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-optic>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-optic>
- *The pst-platon package. Platonic solids in PSTricks.* 2018-09-15. Version 0.01. LICENSE: lppl. The package adds to the ability to draw 3-dimensional views of the five Platonic solids.  
URL: <https://ctan.org/pkg/pst-platon>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-platon>
- *The pst-rubans package. Draw three-dimensional ribbons.* 2018-09-15. Version 1.2. LICENSE: lppl. The package uses and to draw three dimensional ribbons on a cylinder, torus, sphere, cone or paraboloid. The width of the ribbon, the number of turns, the colour of the outer and the inner surface of the ribbon may be set. In the case of circular and conical helices, one may also choose the number of ribbons.  
URL: <https://ctan.org/pkg/pst-rubans>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rubans>
- *The pst-solarsystem package. Plot the solar system for a specific date.* 2018-09-15. Version 0.13. LICENSE: lppl. The package uses to produce diagrams of the visible planets, projected on the plane of the ecliptic. It is not possible to represent all the planets in their real proportions, so only Mercury, Venus, Earth and Mars have their orbits in correct proportions and their relative sizes are observed. Saturn and Jupiter are in the right direction, but not in the correct size.  
URL: <https://ctan.org/pkg/pst-solarsystem>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-solarsystem>
- *The pst-spirograph package. Drawing hypotrochoids as with a spirograph.* 2020-04-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spirograph>
- *The pst-thick package. Drawing very thick lines and curves.* 2018-09-15. Version 1.0. LICENSE: lppl. The package supports drawing of very thick lines and curves in , with various fillings for the body of the lines.  
URL: <https://ctan.org/pkg/pst-thick>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-thick>
- *The pst-vue3d package. Draw perspective views of three dimensional objects.* 2020-04-11. Version 1.24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-vue3d>  
MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/pst-vue3d>
- Luttinen, Jaakko. *The tikz-bayesnet package. Draw Bayesian networks, graphical models and directed factor graphs.* 2016-06-24. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-bayesnet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bayesnet>
- Luz, Saturnino. *The mnotes package. Margin annotation for collaborative writing.* 2022-05-25. Version 0.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mnotes>
- Lyu, Jianrui. *The codehigh package. Highlight code and demos with l3regex and lpeg.* 2023-02-11. Version 2023A. LICENSE: lppl1.3c. This package uses the package from the L<sup>A</sup>T<sub>E</sub>X3 Programming Layer to parse and highlight source code and demos. It is more powerful than the package, and more easy to use than . But it is slower than both of them. Therefore in LuaTeX the package provides another way to highlight code: using LPeg (Parsing Expression Grammars for Lua). LPeg is much more powerful and faster than .  
URL: <https://ctan.org/pkg/codehigh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/codehigh>
- Lyu, Jianrui. *The functional package. Provide an intuitive functional programming interface for L<sup>A</sup>T<sub>E</sub>X2.* 2023-01-07. Version 2023A. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/functional>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/functional>
- *The jnuexam package. Exam class for Jinan University.* 2020-11-06. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/jnuexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jnuexam>
- *The ninecolors package. Select colors with proper WCAG color contrast.* 2022-02-13. Version 2022D. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ninecolors>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ninecolors>
- *The tabularray package. Typeset tabulars and arrays with L<sup>A</sup>T<sub>E</sub>X3.* 2023-03-01. Version 2023A. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tabularray>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularray>



- *The TeXFindPkg package. Query or install T<sub>E</sub>X packages and their dependencies.* 2023-05-13. Version 2023E. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/texfindpkg>  
 MIRROR: <https://mirror.ctan.org/support/texfindpkg>
- Lyubashenko, Volodymyr and Yurii Beshpalov. *The t-angles package. Draw tangles, trees, Hopf algebra operations and other pictures.* 2017-04-18. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X2e package for drawing tangles, trees, Hopf algebra operations and other pictures. It is based on emTeX or TPIC s. Therefore, it can be used with the most popular drivers, including emTeX drivers, dviwin, xdvi and dvips, and (using some code from ) it may also be used with pdfLaTeX.  
 URL: <https://ctan.org/pkg/t-angles>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/t-angles>
- Ma, Clerk. *The fandol package. Four basic fonts for Chinese typesetting.* 2016-06-24. Version 0.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/fandol>  
 MIRROR: <https://mirror.ctan.org/fonts/fandol>
- Ma, Clerk and Berthold K. P. Horn. *The yandy package. TUG release of Y and Y's T<sub>E</sub>X distribution.* 2017-04-18. Version 0.5. LICENSE: gpl  
 URL: <https://ctan.org/pkg/yandy>  
 MIRROR: <https://mirror.ctan.org/systems/win32/yandy>
- Ma, Zheng. *The MLMath package. Mathematical notation for Machine Learning.* 2020-06-23. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mlmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mlmath>
- Macchia, Angelo. *The topfloat package. Move floats to the top of the page.* 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/topfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/topfloat>
- MacKay, Pierre A. *The cm-afm package. Adobe Font Metrics for the CM fonts.* 2016-06-24. LICENSE: knuth. A set of AFM files, derived from the ; the purpose of creating the files was to make the fonts available to such applications as .  
 URL: <https://ctan.org/pkg/cm-afm>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/afm>
- *The tkhyph package. Hyphenation patterns for Turkish.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tkhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/tkhyph.tex>
- *The turkish package. L<sup>A</sup>T<sub>E</sub>X Support for Typesetting Turkish.* 2019-06-09. LICENSE: lppl  
 URL: <https://ctan.org/pkg/turkish>  
 MIRROR: <https://mirror.ctan.org/language/turkish>
- *The XeT-TeX package. A bi-directional version of T<sub>E</sub>X.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/xet-tex>  
 MIRROR: <https://mirror.ctan.org/language/xettex>
- MacKay, Pierre A., Mustafa Burc, and Javier Bezoz López. *The babel-turkish package. Babel support for Turkish documents.* 2019-07-05. Version 1.4. LICENSE: lppl1.3. The package provides support, within , of the Turkish language.  
 URL: <https://ctan.org/pkg/babel-turkish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/turkish>
- MacKay, Pierre A. and Michael Spivak. *The dvipaste package. DVI manipulation.* 2021-08-26. LICENSE: pd  
 URL: <https://ctan.org/pkg/dvipaste>  
 MIRROR: <https://mirror.ctan.org/dviware/dvipaste>
- MacLaine-Cross, Ian. *The curves package. Curves for L<sup>A</sup>T<sub>E</sub>X picture environment.* 2017-09-09. Version 1.55. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/curves>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curves>
- Madr, Michal, Pavel Štríž, and Tobias Oetiker. *The lshort-czech package. Czech translation of the “Short Introduction to L<sup>A</sup>T<sub>E</sub>X2e”.* 2020-06-17. Version 4.27. LICENSE: gpl. This is the Czech translation of “”.  
 URL: <https://ctan.org/pkg/lshort-czech>  
 MIRROR: <https://mirror.ctan.org/info/lshort/czech>
- Madrigal, Celia Rubio. *The ddphonism package. Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.* 2019-09-01. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ddphonism>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ddphonism>
- Madsen, Lars. *The digiconfigs package. Writing “configurations”.* 2016-06-24. Version 0.5. LICENSE: lppl. In Stochastic Geometry and Digital Image Analysis some problems can be solved in terms of so-called “configurations”. A configuration is basically a square matrix of and symbols. This package provides a convenient and compact mechanism for displaying these configurations.



- URL: <https://ctan.org/pkg/digiconfigs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digiconfigs>
- *The dfltxb package*. Macros related to "Introduktion til L<sup>A</sup>T<sub>E</sub>X". 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/dfltxb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dfltxb>
  - *The interval package*. Format mathematical intervals, ensuring proper spacing. 2019-03-06. Version 0.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/interval>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interval>
  - *The memexsupp package*. Experimental memoir support. 2016-06-24. Version 0.1. LICENSE: lppl. A package of code proposed as supporting material for . The package is intended as a test bed for such code, which may in the fullness of time be adopted into the main memoir release.  
URL: <https://ctan.org/pkg/memexsupp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/memexsupp>
  - *The MemoirChapterStyles package*. Chapter styles in memoir class. 2021-07-01. Version 1.7e. LICENSE: lppl  
URL: <https://ctan.org/pkg/memoirchapterstyles>  
MIRROR: <https://mirror.ctan.org/info/latex-samples/MemoirChapStyles>
  - *The SASnRdisplay package*. Typeset SAS or R code or output. 2022-05-01. Version 0.95. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/sasnrdisplay>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sasnrdisplay>
  - *The threeparttablex package*. Notes in longtables. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides the functionality of the package to tables created using the package.  
URL: <https://ctan.org/pkg/threeparttablex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threeparttablex>
- Madsen, Lars and Ulrich Diez. *The verbatimcopy package*. Make copies of text documents from within L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 0.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/verbatimcopy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbatimcopy>
- Madsen, Lars, The L<sup>A</sup>T<sub>E</sub>X Project Team, Will Robertson, Joseph Wright, and Morten Høgholm. *The mhsetup package*. The mathtools "setup" function. 2021-04-12. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mhsetup>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
- Maeda, Kazuki and Japanese T<sub>E</sub>X Development Community. *The pbibtex-base package*. Bibliography styles and miscellaneous files for pBibT<sub>E</sub>X. 2023-02-23. LICENSE: bsd3  
URL: <https://ctan.org/pkg/pbibtex-base>  
MIRROR: <https://mirror.ctan.org/biblio/pbibtex/pbibtex-base>
- *The platex package*. pL<sup>A</sup>T<sub>E</sub>X2e and miscellaneous macros for pT<sub>E</sub>X. 2023-02-26. LICENSE: bsd3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tkz/tkz-base>
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 URL: <https://ctan.org/pkg/tkzexample>  
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 URL: <https://ctan.org/pkg/timing>  
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 URL: <https://ctan.org/pkg/pst-dbicons>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dbicons>
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 MIRROR: <https://mirror.ctan.org/language/hyphenation/huhyp.tex>
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 MIRROR: <https://mirror.ctan.org/graphics/hpgl2ps>
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 URL: <https://ctan.org/pkg/cmolddig>  
 MIRROR: <https://mirror.ctan.org/fonts/cmolddig>
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 URL: <https://ctan.org/pkg/eurofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eurofont>
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 URL: <https://ctan.org/pkg/pageno>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pageno>
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 URL: <https://ctan.org/pkg/epigraph-keys>  
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 URL: <https://ctan.org/pkg/lie-hasse>  
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URL: <https://ctan.org/pkg/git-latexdiff>  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/timing-diagrams>
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URL: <https://ctan.org/pkg/latexexpand>  
MIRROR: <https://mirror.ctan.org/support/latexexpand>
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 MIRROR: <https://mirror.ctan.org/macros/generic/upca>
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 URL: <https://ctan.org/pkg/wintex2000>  
 MIRROR: <https://mirror.ctan.org/systems/win32/wintex2000>
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 URL: <https://ctan.org/pkg/txp>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/txp>
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 URL: <https://ctan.org/pkg/shhyph1>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/shhyph1.tex>
- Mui, Wing L. *The sides package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays.* 2016-06-24. LICENSE: gpl. This is a L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays, based on the class written by Antti-Juhani Kaijanaho in 1998. It has been updated and several formatting changes have been made to it—most noticeably there are no longer orphans.  
 URL: <https://ctan.org/pkg/sides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sides>
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 URL: <https://ctan.org/pkg/telugu>  
 MIRROR: <https://mirror.ctan.org/language/telugu>
- Mulder, Art. *The shading package. L<sup>A</sup>T<sub>E</sub>X package for putting text on a shaded background.* 2016-06-24. Version 1.3. LICENSE: noinfo. Works by specifying the background with PostScript commands, suitable for use with  
 URL: <https://ctan.org/pkg/shading>  
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- Müller, Walter. *The wmaainf package. BibTeX style for Abteilung für Angewandte Informatik.* 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/wmaainf>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/wmaainf.bst>
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 URL: <https://ctan.org/pkg/totpages>  
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 URL: <https://ctan.org/pkg/physconst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physconst>
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 URL: <https://ctan.org/pkg/physunits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physunits>
- Münch, Hans-Martin. *The calxxxx-yyyy package. Print a calendar for a group of years.* 2023-01-01. Version 20.23a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/calxxxx-yyyy>  
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- Münch, Hans-Martin. *The footnoterange package. References to ranges of footnotes.* 2023-02-25. Version 1.1a. 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.* 2023-02-26. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hrefhide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hrefhide>
- *The pagecolor package. Interrogate page color.* 2023-04-18. Version 1.2c. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pagecolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagecolor>

- *The pageslts package*. Variants of last page labels. 2016-06-24. Version 1.2f. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pageslts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pageslts>
- *The papermas package*. Compute the mass of a printed version of a document. 2023-04-12. Version 1.1a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/papermas>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papermas>
- *The regstats package*. Information about register use. 2023-04-06. Version 1.1a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/regstats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regstats>
- *The romanbar package*. Write roman number with "bars". 2016-06-24. Version 1.0f. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/romanbar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romanbar>
- *The tablefootnote package*. Permit footnotes in tables. 2016-06-24. Version 1.1c. LICENSE: lppl1.3. The package provides the command to be used in a or environment, where will not work (and when using and , and adjusting the counter as necessary, is too much work).  
 URL: <https://ctan.org/pkg/tablefootnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tablefootnote>
- *The thumbs package*. Create thumb indexes. 2016-06-24. Version 1.0q. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/thumbs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thumbs>
- *The undolabl package*. Override existing labels. 2023-02-14. Version 1.0m. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/undolabl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undolabl>
- *The uri package*. Hyperlinks for a wide range of URIs. 2018-09-06. Version 2.0b. LICENSE: lppl1.3c. The package provides automatic hyperlinks for URIs of type arXiv, ASIN, DOI, HDL, NBN, OCLC, OID, PubMed, TINY, TINY with preview, and WebCite and provides commands , , , and .  
 URL: <https://ctan.org/pkg/uri>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uri>
- Münch, Hans-Martin and Jeffrey Goldberg. *The lastpage package*. Reference last page for Page N of M type footers. 2023-07-24. Version 2.0c. LICENSE: lppl1.3c. Reference the number of pages in your L<sup>A</sup>T<sub>E</sub>X document through the introduction of a new label which can be referenced like to give a reference to the last page of a document. It is particularly useful in the page footer that says: Page N of M.  
 URL: <https://ctan.org/pkg/lastpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lastpage>
- Münch, Uwe. *The bfsymb package*. Generate bold symbols in Plain T<sub>E</sub>X mathematics. 2016-06-24. LICENSE: noinfo. Defines a command that represents its argument using the cmmib10 rather than the font currently in use. This technique has its limitations (the command of the same name in the bundle is much cleverer), but a simple does the job exactly.  
 URL: <https://ctan.org/pkg/bfsymb>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/bfsymb.tex>
- *The eiad-ltx package*. L<sup>A</sup>T<sub>E</sub>X support for the eiad font. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/eiad-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eiad>
- Munch-Maccagnoni, Guillaume. *The perfectcut package*. Nested delimiters that consistently grow regardless of the contents. 2023-05-17. Version 2.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/perfectcut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perfectcut>
- Munn, Alan. *The casiofont package*. Support for the Casio ClassWiz font. 2018-10-22. Version 1.1. LICENSE: lppl1.3. This package provides support for the Casio ClassWiz font, available from the . The font itself is included in the distribution. The package requires compilation with X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/casiofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>
- *The expex-glossonly package*. Help gb4e and linguex users use the ExPex glossing macros. 2023-08-20. Version 0.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/expex-glossonly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/expex-glossonly>

- *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 movement-arrows package*. Drawing movement arrows on linguistic example sentences. 2023-06-17. Version 2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/movement-arrows>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/movement-arrows>
- *The msu-thesis package*. Class for Michigan State University Master’s and PhD theses. 2023-08-12. Version 4.1g. 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 recorder-fingering package*. Package to display recorder fingering diagrams. 2023-07-18. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/recorder-fingering>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recorder-fingering>
- *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>  
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 LICENSE: gpl  
 URL: <https://ctan.org/pkg/csv2latex>  
 MIRROR: <https://mirror.ctan.org/support/csv2latex>
- Munson, Ethan V. *The ucthesi209 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/ucthesi209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ucthesi>
- Münster, Peter. *The context-chromato package*. ConTeXt macros for chromatograms. 2018-08-11. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-chromato>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-chromato>
- *The context-cmscbf package*. Use Computer Modern bold Caps and Small-caps in ConTeXt. 2017-11-12. LICENSE: gpl. The module makes provision for bold caps and small caps CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
 URL: <https://ctan.org/pkg/context-cmscbf>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cmscbf>
- *The ConTeXt-cmttbf package*. Use Computer Modern Typewriter bold font in ConTeXt. 2017-11-12. LICENSE: gpl. The module makes provision for bold typewriter CM fonts, in ConTeXt. Such a font may be found in the Computer Modern .  
 URL: <https://ctan.org/pkg/context-cmttbf>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cmttbf>
- *The context-construction-plan package*. Construction plans in ConTeXt. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-construction-plan>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-construction-plan>
- Münster, Peter. *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. 2023-03-20. LICENSE: gpl  
 URL: <https://ctan.org/pkg/context-inifile>  
 MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-inifile>
- *The context-typearea package*. Something like Koma-Script typearea. 2018-08-11. LICENSE: gpl. The module provides a command that calculates the page layout as the L<sup>A</sup>T<sub>E</sub>X package does.



- URL: <https://ctan.org/pkg/context-typearea>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-typearea>
- *The context-URWGaramond package. ConTeXt support for URW Garamond font.* 2018-08-11. LICENSE: pd. The required may also be found on CTAN.  
URL: <https://ctan.org/pkg/context-urwgaramond>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-urwgaramond>
  - *The degrade package. Degrade JPEG images on the fly, prior to inclusion.* 2016-06-24. LICENSE: lppl. Degrade is a L<sup>A</sup>T<sub>E</sub>X package that degrades JPEG images on the fly to decrease the size of the resulting PostScript or PDF file. It uses the convert utility from the ImageMagick bundle as well as (if you’re producing PostScript output).  
URL: <https://ctan.org/pkg/degrade>  
MIRROR: <https://mirror.ctan.org/graphics/degrade>
  - Murphy, Terrence and Rosalie D’Amico. *The makecookbook package. Make a Cookbook.* 2018-12-06. Version 0.85. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makecookbook>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/makecookbook>
  - Murphy, Timothy. *The javatex package. A Java implementation of T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/javatex>  
MIRROR: <https://mirror.ctan.org/systems/javatex>
  - *The lgreek package. L<sup>A</sup>T<sub>E</sub>X macros for using Silvio Levy’s Greek fonts.* 2016-06-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/lgreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lgreek>
  - Murzynowski, Grzegorz. *The gmdoc package. Documentation of L<sup>A</sup>T<sub>E</sub>X packages.* 2018-01-06. Version 0.993. LICENSE: lppl  
URL: <https://ctan.org/pkg/gmdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc>
  - *The gmeometric package. Change page size wherever it’s safe.* 2016-06-24. Version 0.73. LICENSE: lppl  
URL: <https://ctan.org/pkg/gmeometric>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/gmeometric>
  - *The gmiflink package. Simplify usage of \hypertarget and \hyperlink.* 2018-01-06. Version 0.97. LICENSE: lppl. Three -based macros that simplify usage of and : one argument instead of the same one twice. Also and which typeset plain text instead of generating an error or printing ‘??’ if there is no respective hypertarget or label.  
URL: <https://ctan.org/pkg/gmiflink>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmiflink>
  - *The gmutils package. Support macros for other packages.* 2016-06-24. Version 0.996. LICENSE: lppl  
URL: <https://ctan.org/pkg/gmutils>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
  - *The gmverb package. A variant of L<sup>A</sup>T<sub>E</sub>X \verb, verbatim and shortvrb.* 2016-06-24. Version 0.98. LICENSE: lppl  
URL: <https://ctan.org/pkg/gmverb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverb>
  - *The gmverse package. A package for typesetting (short) poems.* 2018-01-06. Version 0.73. LICENSE: lppl. A redefinition of the environment to make the command optional for line ends and to give it a possibility of optical centering and ‘right-hanging’ alignment of lines broken because of length.  
URL: <https://ctan.org/pkg/gmverse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmverse>
  - Musa, Ahmed. *The catoptions package. Preserving and recalling standard catcodes.* 2016-06-24. Version 0.2.7h. LICENSE: lppl1.3. The package changes package loading internals so that all subsequently loaded packages can rely on normal/standard catcodes of all ASCII characters. The package defines canonical control sequences to represent all the visible ASCII characters. It also provides robust option parsing mechanisms (, and , which will be used by if the package has already been loaded). The package also provides a range of other T<sub>E</sub>X programming tools.  
URL: <https://ctan.org/pkg/catoptions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catoptions>
  - Musa, Ahmed. *The changelayout package. Change the layout of individual pages and their text.* 2016-06-24. Version 1.0. LICENSE: lppl. The package is an extension of the package to permit the user to change the layout of individual pages and their texts.  
URL: <https://ctan.org/pkg/changelayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changelayout>
  - *The draftmark package. Put draft marks on selected pages.* 2016-06-24. Version 1.2. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/draftmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftmark>



- *The getfiledate package*. Find the date of last modification of a file. 2016-06-24. Version 1.2. LICENSE: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of pdfTeX); 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.  
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 URL: <https://ctan.org/pkg/xifthen>  
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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: lppl1.3. This package is a modern reimplementaion of package , providing various commands to be executed before a command. It makes use of e-TeX’s facilities if they are available. The package may be used either with 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>
- Oberdiek, Heiko. *The atenddvi package. Provides the \AtEndDvi command.* 2020-11-12. Version 1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/atenddvi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atenddvi>
- *The attachfile2 package. Attach files into PDF.* 2019-11-27. Version 2.11. LICENSE: lppl1.3c. This package can be used to attach files to a PDF document. It is a further development of Scott Pakin’s package for . Apart from bug fixes, this package adds support for dvips, some new options, and gets and writes meta information data about the attached files.  
URL: <https://ctan.org/pkg/attachfile2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile2>

- *The atveryend package. Hooks at the very end of a document.* 2019-12-12. Version 1.11. LICENSE: lppl1.3. This 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.* 2023-04-20. Version 1.42. 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 (URI, GoToR, Named). The bookmarks are generated in the first compile run. Package uses two runs.  
URL: <https://ctan.org/pkg/bookmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bookmark>
- *The catchfile package. Catch an external file into a macro.* 2019-12-14. Version 1.8. LICENSE: lppl1.3. This package catches the contents of a file and puts it in a macro. It requires . Both and are supported.  
URL: <https://ctan.org/pkg/catchfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catchfile>
- *The centernot package. Centred \not command.* 2018-01-06. Version 1.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/centernot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/centernot.dtx>
- *The chemarr package. Arrows for chemists.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/chemarr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/chemarr.dtx>
- *The classlist package. Record classes used in a document.* 2019-09-28. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/classlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/classlist.dtx>
- *The colonequals package. Colon equals symbols.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/colonequals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/colonequals.dtx>
- Oberdiek, Heiko. *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.* 2023-01-12. Version 2.12. LICENSE: lppl1.3c. This package embeds files in a PDF document, using the PDF format’s embedding operation (note the contrast with the attach operation used by the and packages). Currently only >=1.30, in PDF mode, is supported.  
URL: <https://ctan.org/pkg/embedfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedfile>

- *The engord package*. Converts numbers to English ordinal numbers. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/engord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/engord.dtx>
- *The enparen package*. Consistent nested brackets. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/enparen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>
- *The eolgrab package*. Catch arguments delimited by end of line. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eolgrab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
- *The epstopdf-pkg package*. Call `epstopdf` "on the fly". 2020-01-24. Version 2.11. LICENSE: lppl1.3. The package adds support for EPS files in the package when running under pdfTeX. If an EPS graphic is detected, the package spawns a process to convert the EPS to PDF, using the script `epstopdf`. 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 `etexcmds`.  
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 `title`) 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 `graphics`.  
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 `\hologo`, 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>
- Oberdiek, Heiko. *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 `hobsub`.  
URL: <https://ctan.org/pkg/holtxdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>
- *The hopatch package*. Load patches for packages. 2023-01-07. Version 1.5. 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 `hyperref` and `bookmark`. It is not intended as package for the user.  
URL: <https://ctan.org/pkg/hycolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hycolor>

- *The hypbmsec package. Hypertext bookmarks in sectioning commands.* 2018-01-06. Version 2.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hypbmsec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypbmsec.dtx>
- *The hypcap package. Adjusting the anchors of captions.* 2018-01-06. Version 1.12. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hypcap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypcap.dtx>
- *The hypdestopt package. Hyperref destination optimizer.* 2020-09-07. Version 2.7. LICENSE: lppl1.3. This package supports `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.* 2023-01-23. Version 1.18. LICENSE: lppl1.3c. This package adds hypertext features to the package that is used in the documentation system of `TeX`. Bookmarks are added and references are linked as far as possible.  
 URL: <https://ctan.org/pkg/hypdoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdoc>
- *The hypgotoe package. Links to embedded files.* 2019-12-31. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hypgotoe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>
- *The hyphsubst package. Substitute hyphenation patterns.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hyphsubst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>
- *The ifdraft package. Detect “draft” and “final” class options.* 2018-01-06. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifoldraft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/ifoldraft.dtx>
- *The iflang package. Expandable checks for the current language.* 2018-09-08. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iflang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>
- *The infwarerr package. Complete set of information/warning/error message macros.* 2019-12-06. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/infwarerr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
- *The inputenx package. Enhanced input encoding handling.* 2019-12-01. Version 1.12. LICENSE: lppl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does `inputenc`; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package `inputenc`.  
 URL: <https://ctan.org/pkg/inputenx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputenx>
- *The intcalc package. Expandable arithmetic operations with integers.* 2019-12-21. Version 1.3. LICENSE: lppl1.3. This package provides expandable arithmetic operations with integers, using the `e-TeX` extension if it is available.  
 URL: <https://ctan.org/pkg/intcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intcalc>
- *The kvdefinekeys package. Define keys for use in the kvsetkeys package.* 2019-12-21. Version 1.6. LICENSE: lppl1.3c. The package provides a macro (analogous to `\newcommand`, to define keys for use by `\setkeys`.  
 URL: <https://ctan.org/pkg/kvdefinekeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
- Oberdiek, Heiko. *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 `kvsetkeys`. 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>
- *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 `\let`. 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.* 2023-08-18. Version 1.18. 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 of `and` and `and`, that make the delimiters act as `and` and `and`. These commands address spacing difficulties in subformulas.

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

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

- *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek.* 2023-01-10. 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.* 2023-01-11. 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>

- Oberdiek, Heiko. *The pdfcolfoot package. Separate color stack for footnotes with pdfTeX.* 2023-01-14. Version 1.4. LICENSE: lppl1.3. Since version 1.40 supports several colour stacks. This package uses a separate colour stack for footnotes that can break across pages.

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

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

- *The pdfcolmk package. Improved colour support under pdfTeX (legacy stub).* 2019-11-27. Version 2.0. LICENSE: lppl1.3c

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

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

- *The pdfcolparallel package. Fix colour problems in package ‘parallel’.* 2019-12-31. Version 1.5. LICENSE: lppl1.3

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

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

- *The pdfcolparcolumns package. Fix colour problems in package ‘parcolumns’.* 2019-12-31. Version 1.5. LICENSE: lppl1.3

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

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



- *The pdfcrop package*. Crop PDF graphics. 2023-04-16. Version 1.42. 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 pdflscape 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/pdflscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdflscape>
- *The pdfrender package*. Control rendering parameters. 2019-12-31. Version 1.6. LICENSE: lppl1.3. The package provides interfaces for the user to control PDF parameters, such as line width or text rendering mode. The control operations work in a manner very similar to that of the package.  
 URL: <https://ctan.org/pkg/pdfrender>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfrender.dtx>
- *The pdftexcmds package*. LuaTeX support for pdfTeX utility functions. 2020-06-29. Version 0.33. LICENSE: lppl1.3c. LuaTeX provides most of the commands of 1.40. However, a number of utility functions are not available. This package tries to fill the gap and implements some of the missing primitives using Lua.  
 URL: <https://ctan.org/pkg/pdftexcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdftexcmds>
- *The picture package*. Dimens for picture macros. 2020-04-23. Version 1.6. LICENSE: lppl1.3. There are macro and environment arguments that expect numbers that will internally be multiplied by . This package extends the syntax of these arguments, so that dimensions with calculation support may be used for these arguments.  
 URL: <https://ctan.org/pkg/picture>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/picture>
- *The pkfix package*. Replace pk fonts in PostScript with Type 1 fonts. 2018-01-06. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pkfix>  
 MIRROR: <https://mirror.ctan.org/support/pkfix>
- *The pmboxdraw package*. Poor man’s box drawing characters. 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pmboxdraw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmboxdraw>
- *The protecteddef package*. Define protected commands. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package defines a command that will create L<sup>A</sup>T<sub>E</sub>X ‘robust’ command or an e-TeX ‘protected’ command as appropriate to its environment.  
 URL: <https://ctan.org/pkg/protecteddef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>
- *The refcount package*. Counter operations with label references. 2019-12-21. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcount>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizgather.dtx>
- *The rotchiffre package*. Perform simple rotation cyphers. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rotchiffre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>
- *The scrindex package*. Make index package work with Koma-script classes. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scrindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>

- *The selinput package*. Semi-automatic detection of input encoding. 2019-12-14. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selinput>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selinput>
- *The setouterhbox package*. Set hbox in outer horizontal mode. 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then T<sub>E</sub>X performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.  
 URL: <https://ctan.org/pkg/setouterhbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>
- *The settobox package*. Assigning dimensions of a box to a length register. 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:  
 URL: <https://ctan.org/pkg/settobox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>
- *The soul package*. Hyphenation for letterspacing, underlining, and more. 2023-06-14. Version 3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/soul>  
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- *The stackrel package*. Enhancement to the \stackrel command. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stackrel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stackrel.dtx>
- *The stampinclude package*. Inclusion based on .aux file date stamps. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stampinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stampinclude.dtx>
- *The stringenc package*. Converting a string between different encodings. 2019-12-02. Version 1.12. LICENSE: lppl1.3. This package provides for converting a string between different encodings. Both and are supported.  
 URL: <https://ctan.org/pkg/stringenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stringenc>
- *The tabularht package*. Tabular environments with height specified. 2019-12-31. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tabularht>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularht.dtx>
- *The tabularkv package*. Tabular environments with key-value interface. 2018-01-06. Version 1.2. LICENSE: lppl1.3. The tabularkv package creates an environment , whose arguments are specified in key-value form. The arguments chosen determine which other type of tabular is to be used (whether standard L<sup>A</sup>T<sub>E</sub>X ones, or environments from the or the package).  
 URL: <https://ctan.org/pkg/tabularkv>  
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- *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>
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 URL: <https://ctan.org/pkg/thepdfnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdfnumber.dtx>
- *The thumbpdf package*. Thumbnails for pdfTeX and dvips/ps2pdf. 2018-09-08. Version 3.17. LICENSE: lppl1.3. A Perl script that provides support for thumbnails in and /ps2pdf. The script uses to generate the thumbnails which get represented in a T<sub>E</sub>X readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/thumbpdf>  
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 URL: <https://ctan.org/pkg/revtex4-0>  
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/a2ac>
- *The apnum package. Arbitrary precision numbers implemented by T<sub>E</sub>X macros*. 2018-04-22. Version 1.7. LICENSE: pd  
 URL: <https://ctan.org/pkg/apnum>  
 MIRROR: <https://mirror.ctan.org/macros/generic/apnum>
  - *The code128 package. Barcode macros for the Code 128 standard*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/code128>  
 MIRROR: <https://mirror.ctan.org/macros/generic/code128>
  - *The csfonts-t1 package. Czech/Slovak tuned CM fonts in Type 1 format*. 2017-04-18. LICENSE: gpl. These are Adobe Type 1 versions of the fonts.  
 URL: <https://ctan.org/pkg/csfonts-t1>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts-t1.tar.gz>
  - *The csplain package. Plain T<sub>E</sub>X multilanguage support*. 2022-03-17. Version Mar. 2022. LICENSE: other-free  
 URL: <https://ctan.org/pkg/csplain>  
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 MIRROR: <https://mirror.ctan.org/macros/generic/ean>
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 URL: <https://ctan.org/pkg/enctex>  
 MIRROR: <https://mirror.ctan.org/systems/enctex>
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 URL: <https://ctan.org/pkg/ofs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ofs>
  - *The olsak-misc package. Collection of plain T<sub>E</sub>X macros written by Petr Olšák*. 2022-08-04. Version Aug. 2022. LICENSE: pd  
 URL: <https://ctan.org/pkg/olsak-misc>  
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  - *The OpTeX package. LuaTeX format based on Plain T<sub>E</sub>X and OPmac*. 2023-05-24. Version 1.12. LICENSE: pd  
 URL: <https://ctan.org/pkg/optex>  
 MIRROR: <https://mirror.ctan.org/macros/optex>
  - *The TeX-nutshell package. A short document about T<sub>E</sub>X principles*. 2023-05-25. Version 0.9. LICENSE: pd  
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 MIRROR: <https://mirror.ctan.org/macros/cstex/base/cspsfonts.tar.gz>
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 URL: <https://ctan.org/pkg/fcolumn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fcolumn>
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URL: <https://ctan.org/pkg/bigdelim>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
  - *The bigstrut package. Struts for opening up tabular spacing*. 2021-03-15. Version 2.8. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bigstrut>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
  - *The fancyhdr package. Extensive control of page headers and footers in L<sup>A</sup>T<sub>E</sub>X<sub>2</sub>ε*. 2022-11-09. Version 4.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancyhdr>  
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  - *The fancyheadings package. Legacy headings package*. 2022-11-09. Version 4.1. LICENSE: lppl1.3. This package is now a stub for .  
URL: <https://ctan.org/pkg/fancyheadings>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>
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URL: <https://ctan.org/pkg/xcolor-material>  
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URL: <https://ctan.org/pkg/chextras>  
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- Orlandini, Mauro and Max Hailperin. *The multicolpar package. Put successive paragraphs in different columns*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/multicolpar>  
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URL: <https://ctan.org/pkg/psbox>  
MIRROR: <https://mirror.ctan.org/macros/generic/psbox>

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 URL: <https://ctan.org/pkg/leftindex>  
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 URL: <https://ctan.org/pkg/semantex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantex>
  - *The SemTeX package. Deals with stripped SemanTeX documents*. 2020-10-04. Version 0.45. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/semtex>  
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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/puyotikz>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/puyotikz>
- Osborne, Martin J. *The egameps package. L<sup>A</sup>T<sub>E</sub>X package for typesetting extensive games*. 2018-09-15. Version 1.1. LICENSE: lppl. The style is intended to have enough features to draw any extensive game with relative ease. The facilities of are used for graphics. (An older version of the package, which uses the L<sup>A</sup>T<sub>E</sub>X picture environment rather than PSTricks and consequently has many fewer features is available on the package home page.)  
 URL: <https://ctan.org/pkg/egameps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/egameps>
- *The latex-bnf package. L<sup>A</sup>T<sub>E</sub>X macros for typing BNF specifications*. 2016-06-24. Version 1.1a. LICENSE: noinfo. The package defines an environment . The contents of the environment is a context-free grammar, and the environment will pretty-print it.  
 URL: <https://ctan.org/pkg/latex-bnf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
  - *The rputover package. Place text over PSTricks objects without obscuring background colors*. 2017-07-02. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rputover>  
 MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/rputover>
  - *The sgame package. L<sup>A</sup>T<sub>E</sub>X style for typesetting strategic games*. 2017-04-18. Version 2.15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/sgame>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sgame>
  - *The Swimgraf package. Graphical/textual representations of swimming performances*. 2018-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/swimgraf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swimgraf>
  - *The text2bib package. A PHP script to convert references to BibTeX*. 2016-06-24. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/text2bib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/text2bib>
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 URL: <https://ctan.org/pkg/sort-by-letters>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/sort-by-letters>
- *The texloganalyser package. Analyse T<sub>E</sub>X logs*. 2020-03-26. Version 0.11. LICENSE: bsd  
 URL: <https://ctan.org/pkg/texloganalyser>  
 MIRROR: <https://mirror.ctan.org/support/texloganalyser>
- Owens, John. *The oftfinst package. Install OpenType fonts for use in T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X systems*. 2018-01-06. Version 1.0.3. LICENSE: bsd. Otfinst takes a list of OpenType font files as input, uses Eddie Kohler's to install them into a T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X system, and builds and installs the necessary font description and style files. Otfinst was formerly known as offtex\_install and is written in Python. It has similar capabilities to Marc Penninga's .

- URL: <https://ctan.org/pkg/otfinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>
- Pacini, Alex. *The cesenaexam package. A class file to typeset exams*. 2017-08-07. Version 0.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/cesenaexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>
- Paciorek, Robert. *The ehline package. Extend the \hhline command*. 2020-04-04. Version 1.1. LICENSE: mit. This package extends the command with a token, which allows to create lines with arbitrary L<sup>A</sup>T<sub>E</sub>X commands.  
URL: <https://ctan.org/pkg/ehline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ehline>
- *The labels4easylist package. Add reference labels to easylist items*. 2019-05-16. Version 1.0. LICENSE: mit. This package provides the macro for adding configurable reference labels to items.  
URL: <https://ctan.org/pkg/labels4easylist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels4easylist>
  - *The pdfarticle package. Class for pdf publications*. 2019-05-15. Version 1.0. LICENSE: mit  
URL: <https://ctan.org/pkg/pdfarticle>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pdfarticle>
  - *The tikzpackages package. Display network packets*. 2020-07-20. Version 1.0. LICENSE: mit  
URL: <https://ctan.org/pkg/tikzpackages>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackages>
  - *The vtable package. Vertical alignment of table cells*. 2019-05-16. Version 1.0. LICENSE: mit. The package allows vertical alignment of table cell by providing:  
URL: <https://ctan.org/pkg/vtable>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vtable>
- Page, Stephen. *The doublespace package. Double space environment*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/doublespace>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/misc/doublespace.sty>
- *The drafthead package. Mark "DRAFT" in page headers*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/drafthead>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drafthead.sty>
- Pagès, Clément. *The playcards package. A simple template for drawing playcards*. 2023-06-11. Version 0.2.1. LICENSE: lgpl3  
URL: <https://ctan.org/pkg/playcards>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/playcards>
- Pagin, Peter. *The philex package. Cross references for named and numbered environments*. 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/philex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philex>
- Paić, Alan and Ivan Kokan. *The babel-croatian package. Babel contributed support for Croatian*. 2016-06-24. Version 1.3l. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-croatian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
- Pakin, Scott. *The arlatex package. A L<sup>A</sup>T<sub>E</sub>X-based archiver*. 2022-10-04. Version 1.1. LICENSE: lppl1.3c. Arlatex is an archiving program like shar, tar, zip, etc. Its output is specifically designed for use with L<sup>A</sup>T<sub>E</sub>X. Arlatex takes the name of a master file and the ancillary files it uses (such as , , and files). From these files, arlatex creates a single file that will recreate all the ancillary files when it's run through L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/arlatex>  
MIRROR: <https://mirror.ctan.org/support/bundledoc>
- Pakin, Scott. *The attachfile package. Attach arbitrary files to a PDF document*. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/attachfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>
- *The boxedminipage package. Framed minipages of a specified total width (text and frame combined)*. 2020-04-21. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/boxedminipage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>
  - *The bundledoc package. Bundle together all the files needed to build a L<sup>A</sup>T<sub>E</sub>X document*. 2022-10-04. Version 3.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/bundledoc>  
MIRROR: <https://mirror.ctan.org/support/bundledoc>

- *The bytefield package. Create illustrations for network protocol specifications.* 2021-08-18. Version 2.7. LICENSE: lppl1.3a  
URL: <https://ctan.org/pkg/bytefield>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>
- *The comicsans package. Use Microsoft Comic Sans font.* 2021-09-11. Version 1.0g. LICENSE: lppl  
URL: <https://ctan.org/pkg/comicans>  
MIRROR: <https://mirror.ctan.org/fonts/comicans>
- *The cooltooltips package. Associate a pop-up window and tooltip with PDF hyperlinks.* 2021-08-09. Version 1.1. LICENSE: lppl. The cooltooltips package enables a document to contain hyperlinks that pop up a brief tooltip when the mouse moves over them and also open a small window containing additional text. cooltooltips provides the mechanism used by the to indicate the question that each hyperlink answers.  
URL: <https://ctan.org/pkg/cooltooltips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooltooltips>
- *The covfonts package. Make Apostrophic Laboratories's Covington fonts available to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2022-04-24. Version 1.0a. LICENSE: lppl. The covfonts package provides all of the font metrics, virtual fonts, font-description files, and font-mapping files needed to use Apostrophic Laboratories's freely downloadable with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/covfonts>  
MIRROR: <https://mirror.ctan.org/fonts/covfonts>
- *The ctanify package. Prepare a package for upload to CTAN.* 2017-04-23. Version 1.9.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ctanify>  
MIRROR: <https://mirror.ctan.org/support/ctanify>
- *The dashrule package. Draw dashed rules.* 2016-06-24. Version 1.3. LICENSE: lppl. The dashrule package makes it easy to draw a huge variety of dashed rules (i.e., lines) in L<sup>A</sup>T<sub>E</sub>X. dashrule provides a command, `\dashrule`, which is a cross between L<sup>A</sup>T<sub>E</sub>X's `\rule` and PostScript's `setdash` command. `\dashrule` draws horizontally dashed rules using the same syntax as `\rule`, but with an additional, `setdash`-like parameter that specifies the pattern of dash segments and the space between those segments. Because dashrule's rules are constructed internally using (as opposed to, e.g., PostScript `s`) they are fully compatible with every L<sup>A</sup>T<sub>E</sub>X back-end processor.  
URL: <https://ctan.org/pkg/dashrule>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dashrule>
- *The dtxut package. Tutorial on writing .dtx and .ins files.* 2016-06-24. Version 2.1. LICENSE: lppl1.3. This tutorial is intended for advanced L<sup>A</sup>T<sub>E</sub>X2e users who want to learn how to create and files for distributing their homebrewed classes and package files.  
URL: <https://ctan.org/pkg/dtxut>  
MIRROR: <https://mirror.ctan.org/info/dtxut>
- *The eqparbox package. Create equal-widthed parboxes.* 2017-09-04. Version 4.1. LICENSE: lppl1.3c. L<sup>A</sup>T<sub>E</sub>X users sometimes need to ensure that two or more blocks of text occupy the same amount of horizontal space on the page. To that end, the eqparbox package defines a new command, `\eqparbox`, which works just like `\parbox`, except that instead of specifying a width, one specifies a tag. All eqparboxes with the same tag—regardless of where they are in the document—will stretch to fit the widest eqparbox with that tag. This simple, equal-width mechanism can be used for a variety of alignment purposes, as is evidenced by the examples in eqparbox's documentation. Various derivatives of `\eqparbox` are also provided.  
URL: <https://ctan.org/pkg/eqparbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqparbox>
- *The filecontents package. Create an external file from within a L<sup>A</sup>T<sub>E</sub>X document.* 2023-04-02. Version 1.5a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/filecontents>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontents>
- *The hyperxmp package. Embed XMP metadata within a L<sup>A</sup>T<sub>E</sub>X document.* 2023-02-20. Version 5.11. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hyperxmp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperxmp>
- *Pakin, Scott. The IEEEconf package. Macros for IEEE conference proceedings.* 2021-06-23. Version 1.4. LICENSE: lppl. The IEEEconf class implements the dictated by the IEEE Computer Society Press for conference proceedings.  
URL: <https://ctan.org/pkg/ieeeconf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEconf>
- *The leawood package. L<sup>A</sup>T<sub>E</sub>X support for use of ITC Leawood font family.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/leawood>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/leawood>
- *The listliketab package. Typeset lists as tables.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/listliketab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>



- *The mf2pt1 package.* Convert stylized Metafont to PostScript Type 1. 2021-12-04. Version 2.7. LICENSE: lppl1.3c. mf2pt1 is a Perl script that facilitates producing PostScript Type 1 fonts from a Metafont source file. It is not, as the name may imply, an automatic converter of arbitrary Metafont fonts to Type 1 format. mf2pt1 imposes a number of restrictions on the Metafont input. If these restrictions are met, mf2pt1 will produce valid Type 1 output with more accurate control points than can be reverse-engineered by T<sub>E</sub>Xtrace, and other programs which convert bitmaps to outline fonts.  
URL: <https://ctan.org/pkg/mf2pt1>  
MIRROR: <https://mirror.ctan.org/support/mf2pt1>
- *The mftinc package.* Pretty-print Metafont source. 2016-06-24. Version 1.0a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mftinc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>
- *The newcommand package.* Generate new L<sup>A</sup>T<sub>E</sub>X command definitions. 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple -style commands, in L<sup>A</sup>T<sub>E</sub>X, is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
URL: <https://ctan.org/pkg/newcommand>  
MIRROR: <https://mirror.ctan.org/support/newcommand>
- *The perl<sub>tex</sub> package.* Define L<sup>A</sup>T<sub>E</sub>X macros in terms of Perl code. 2019-09-23. Version 2.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/perl<sub>tex</sub>>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perl<sub>tex</sub>>
- *The pkfix-helper package.* Make PostScript files accessible to pkfix. 2020-08-06. Version 1.6. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pkfix-helper>  
MIRROR: <https://mirror.ctan.org/support/pkfix-helper>
- *The purifyeps package.* Make EPS work with both L<sup>A</sup>T<sub>E</sub>X/dvips and pdfLaTeX. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/purifyeps>  
MIRROR: <https://mirror.ctan.org/support/purifyeps>
- *The repl<sub>tex</sub> package.* Control how text gets copied from a PDF file. 2020-09-25. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/repl<sub>tex</sub>>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repl<sub>tex</sub>>
- *The savetrees package.* Optimise the use of each page of a L<sup>A</sup>T<sub>E</sub>X document. 2016-06-24. Version 2.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/savetrees>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savetrees>
- *The spverbatim package.* Allow line breaks within \verb and verbatim output. 2016-06-24. Version 1.0. LICENSE: lppl. 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 Comprehensive L<sup>A</sup>T<sub>E</sub>X Symbol List package.* Symbols accessible from L<sup>A</sup>T<sub>E</sub>X. 2021-05-06. Version 14.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/comprehensive>  
MIRROR: <https://mirror.ctan.org/info/symbols/comprehensive>
- *The threadcol package.* Organize document columns into PDF “article thread”. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/threadcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threadcol>
- *The uiucborder package.* Class for UIUC thesis red-bordered forms. 2016-06-24. Version 1.00. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/uiucborder>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>
- *Pakin, Scott. The visualFAQ package.* A Visual L<sup>A</sup>T<sub>E</sub>X FAQ. 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a L<sup>A</sup>T<sub>E</sub>X question? The Visual L<sup>A</sup>T<sub>E</sub>X FAQ is an innovative new search interface that presents over a hundred typeset samples of frequently requested document formatting. Simply click on a hyperlinked piece of text and the Visual L<sup>A</sup>T<sub>E</sub>X FAQ will send your Web browser to the appropriate page in the .  
URL: <https://ctan.org/pkg/visualfaq>  
MIRROR: <https://mirror.ctan.org/info/visualfaq>
- *The wheretotrim package.* Assist in reducing L<sup>A</sup>T<sub>E</sub>X document page counts. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/wheretotrim>  
MIRROR: <https://mirror.ctan.org/support/wheretotrim>



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 URL: <https://ctan.org/pkg/bangtex>  
 MIRROR: <https://mirror.ctan.org/language/bengali/bangtex>
- Pallas, Joseph. *The suthesis package. Typeset a Stanford University thesis*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/suthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/suthesis.sty>
- Palm, Reimo. *The lshort-estonian package. Estonian introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 5.05. LICENSE: gpl2. This is the Estonian translation of .  
 URL: <https://ctan.org/pkg/lshort-estonian>  
 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
- Palmer, Michael. *The mol2chemfig package. Convert chemical structures from MDL molfile format to chemfig source code*. 2023-01-17. Version 1.5. LICENSE: lppl. The package contains , the Lua web client version of mol2chemfig. It is used from the command line but calls the mol2chemfig server for every request, to convert chemical structures from MDL molfile format or SMILES format to T<sub>E</sub>X format for processing using .  
 URL: <https://ctan.org/pkg/mol2chemfig>  
 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
- *The pdfpreview package. Annotate PDF files with margin notes*. 2019-02-22. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pdfpreview>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpreview>
- Palmieri, John H. *The bibweb package. Automatically retrieve bibliography from MathSciNet*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibweb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibweb>
- *The Ultra-TeX package. An emacs T<sub>E</sub>X mode with "lightning completion"*. 2016-06-24. LICENSE: gpl. Ultra-TeX is an Emacs mode, a distant relation of , with several enhancements (relative to the version it started from) and with a "lightning completion" mode that doesn't wait for a request for completion (the request is typically expressed by pressing the tab key).  
 URL: <https://ctan.org/pkg/ultratex>  
 MIRROR: <https://mirror.ctan.org/support/ultratex>
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 URL: <https://ctan.org/pkg/frege>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frege>
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 URL: <https://ctan.org/pkg/lmake>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmake>
- *The meper package. MetaPost editor and previewer*. 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/meper>  
 MIRROR: <https://mirror.ctan.org/support/meper>
- Panagopoulos, George. *The db package. Process simple databases inside L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 2.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/db>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/db.sty>
- Pandey, Anshuman. *The gurmukhi package. Support for Gurmukhi*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
- *The wnri-latex package. L<sup>A</sup>T<sub>E</sub>X support for wnri fonts*. 2018-01-06. Version 1.0b. LICENSE: gpl2. L<sup>A</sup>T<sub>E</sub>X support for the fonts.  
 URL: <https://ctan.org/pkg/wnri-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>
- Pandey, Anshuman and Abhijit Das. *The bengali-pandey package. Support for the Bengali language*. 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bengali-pandey>  
 MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
- Panov, Andrey and Nikola Lečić. *The cm-unicode package. Computer Modern Unicode font family*. 2021-03-10. Version 0.7.0. LICENSE: ofl  
 URL: <https://ctan.org/pkg/cm-unicode>  
 MIRROR: <https://mirror.ctan.org/fonts/cm-unicode>
- Pantieri, Lorenzo. *The ArsClassica package. A different view of the ClassicThesis package*. 2017-10-31. LICENSE: lppl. The package changes some typographical points of the ClassicThesis style, by André Miede. It enables the user to reproduce the look of the guide (the web page is in Italian).

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arsclassica>
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URL: <https://ctan.org/pkg/cascade>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cascade>
- *The nicematrix package. Improve the typesetting of mathematical matrices with PGF*. 2023-08-14. Version 6.22. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nicematrix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicematrix>
  - *The piton package. Typeset Python listings with LPEG*. 2023-08-26. Version 2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/piton>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/piton>
  - *The witharrows package. “Aligned” math environments with arrows for comments*. 2023-08-24. Version 2.8b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/witharrows>  
MIRROR: <https://mirror.ctan.org/macros/generic/witharrows>
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URL: <https://ctan.org/pkg/futhorc>  
MIRROR: <https://mirror.ctan.org/fonts/futhorc>
- Papa, Brian and American Meteorological Society. *The ametsoc package. Official American Meteorological Society L<sup>A</sup>T<sub>E</sub>X Template*. 2022-04-06. Version 4.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/ametsoc>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ametsoc>
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URL: <https://ctan.org/pkg/bodegraph>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/bodegraph>
- *The grafcet package. Draw Grafcet/SFC with TikZ*. 2018-01-17. Version 1.3.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/grafcet>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/grafcet>
  - *The schemabloc package. Draw block diagrams, using TikZ*. 2021-02-26. Version 1.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/schemabloc>  
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URL: <https://ctan.org/pkg/latex2nemeth>  
MIRROR: <https://mirror.ctan.org/support/latex2nemeth>
- ParaGraph International, Vladimir Volovich, and Anatoliy A. Malyarenko. *The literaturnaya package. The Literaturnaya family of fonts*. 2021-09-11. Version 0.2. LICENSE: nosell  
URL: <https://ctan.org/pkg/literaturnaya>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/literat>
- Parashchenko, Oleg. *The cals package. Multipage tables with wide range of features*. 2017-01-20. Version 2.4.2. LICENSE: lppl1.3. The package is a set of macros to typeset multipage tables with repeatable headers and footers, with cells spanned over rows and columns. Decorations are supported: padding, background color, width of separation rules. The code is compatible with and .  
URL: <https://ctan.org/pkg/cals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cals>
- Parashchenko, Oleg. *The parades package. Tabulators and space between paragraphs in galley approach*. 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/parades>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parades>
- Park, William. *The pictex2 package. Adds relative coordinates and improves the \plot command*. 2016-06-24. LICENSE: lppl. Adds two user commands to standard . One command uses relative coordinates, thus eliminating the need to calculate the coordinate of every point manually as in standard PiCTeX. The other command modifies to use a rule instead of dots if the line segment is horizontal or vertical.  
URL: <https://ctan.org/pkg/pictex2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pictex2/pictex2.sty>

- Park, William and Dominique Unruh. *The braille package. Support for braille*. 2016-06-24. LICENSE: lppl1.3. This package allows the user to produce Braille documents on paper for the blind without knowing Braille (which can take years to learn). Python scripts and convert ordinary text to grade 1 and 2 Braille tags; then, the L<sup>A</sup>T<sub>E</sub>X package takes the tags and prints out corresponding Braille symbols.  
URL: <https://ctan.org/pkg/braille>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braille>
- Parry, Chad. *The bibleref-lds package. Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bibleref-lds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-lds>
- *The bibleref-mouth package. Consistent formatting of Bible references*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows Bible references to be formatted in a consistent way. It is similar to the bibleref package, except that the formatting macros are all purely expandable — that is, they are all implemented in T<sub>E</sub>X’s mouth. This means that they can be used in any expandable context, such as an argument to a command.  
URL: <https://ctan.org/pkg/bibleref-mouth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-mouth>
- Parsloe, Andrew. *The diffcoeff package. Write differential coefficients easily and consistently*. 2023-04-12. Version 5.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/diffcoeff>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/diffcoeff>
- *The numerica package. Numerically evaluate mathematical expressions in L<sup>A</sup>T<sub>E</sub>X form*. 2023-08-22. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica>
  - *The numerica-plus package. Iteration and recurrence relations: finding fixed points, zeros and extrema of functions*. 2023-08-22. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-plus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>
  - *The numerica-tables package. Create multi-column tables of mathematical functions*. 2023-08-22. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-tables>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-tables>
- Parsons, Josh. *The begriiff package. Typeset Begriffschrift*. 2016-06-24. Version 1.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/begriiff>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begriiff>
- Partl, Hubert. *The portland package. Simple portrait/landscape switching*. 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/portland>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/portland.sty>
- Partl, Hubert and B. Simon. *The sfarticle package. A L<sup>A</sup>T<sub>E</sub>X 2.09 article style with an sf switch*. 2016-06-24. LICENSE: noinfo. The package is a variant of standard that has an option (for sans typesetting) and various of the ‘fixed names’ (such as ‘Contents’) defined in macros (and thus variable).  
URL: <https://ctan.org/pkg/sfarticle>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/sfarticle>
- Pasechnik, Dima and Dan Drake. *The SageTeX package. Embed Sage code and plots into L<sup>A</sup>T<sub>E</sub>X*. 2023-01-11. Version 3.6.1. LICENSE: gpl2+. SageTeX allows you to embed code, the results of computations, plots, and graphics from the into L<sup>A</sup>T<sub>E</sub>X documents. It is similar in spirit to Literate Haskell and lhs2TeX.  
URL: <https://ctan.org/pkg/sagetex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sagetex>
- Pasquet, Stéphane. *The pas-cours package. Macros useful in preparing teaching material*. 2020-07-16. Version 1.9. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-cours>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-cours>
- *The pas-crosswords package. Creating crossword grids, using TikZ*. 2016-06-24. Version 1.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-crosswords>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-crosswords>
  - *The pas-cv package. Flexible typesetting of Curricula Vitae*. 2016-06-24. Version 2.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-cv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-cv>

- *The pas-tableur package. Create a spreadsheet layout.* 2023-04-16. Version 2.05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pas-tableur>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-tableur>
- Patashnik, Oren. *The bibtex package. Process bibliographies (bib files) for L<sup>A</sup>T<sub>E</sub>X or other formats.* 2022-09-15. Version 0.99d. LICENSE: knuth  
 URL: <https://ctan.org/pkg/bibtex>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/base>
- Pate, John. *The screenplay package. A class file to typeset screenplays.* 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/screenplay>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay>
- Patel-Schneider, Peter. *The aaai package. AAAI style.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/aaai>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/aaai>
- *The aaai-named package. BibTeX style for AAAI.* 2019-10-23. LICENSE: other-free. A BibTeX style derived from the standard master, presumably for use with the package.  
 URL: <https://ctan.org/pkg/aaai-named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aaai-named.bst>
- *The ijcai89 package. Format papers for IJCAI 1989.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ijcai89>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>
- *The named package. "Named" bibliography style.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/named>
- Paternault, Louis. *The graph35 package. Draw keys and screen items of several Casio calculators.* 2023-04-04. Version 0.1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/graph35>  
 MIRROR: <https://mirror.ctan.org/graphics/graph35>
- *The pixelart package. Draw pixel-art pictures.* 2023-02-20. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pixelart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
- *The SpiX package. Yet another T<sub>E</sub>X compilation tool: simple, human readable, no option, no magic.* 2022-11-18. Version 1.3.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/spix>  
 MIRROR: <https://mirror.ctan.org/support/spix>
- *The thalie package. Typeset drama plays.* 2022-12-11. Version 0.13a. 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.* 2023-04-27. Version 23.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mptrees>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
- *The repere package. MetaPost macros for secondary school mathematics teachers.* 2023-05-03. Version 23.05.b. LICENSE: lppl1.3c  
 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>
- Pégourié-Gonnard, Manuel. *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>X2<sub>ε</sub>.* 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>X2<sub>ε</sub> 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/luatex/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.* 2023-03-07. Version 2.1.5. 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.* 2023-07-13. Version 3.34. 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.* 2023-07-24. Version 2.01. LICENSE: lppl1.3c,bsd3  
 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).* 2023-02-01. 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 Lua<sup>®</sup>TeX packages.* 2022-11-02. Version 0.8. LICENSE: mit. This Lua<sup>®</sup>TeX 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)TeX document.* 2023-04-18. Version 1.1.5. 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>
- Phan, Anthony. *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>
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 URL: <https://ctan.org/pkg/scmac>  
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 URL: <https://ctan.org/pkg/babylonianum>  
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- *The ltxindex package. A L<sup>A</sup>T<sub>E</sub>X package to typeset indices with GNU's Texindex.* 2020-04-11. Version 0.1c. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ltxindex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ltxindex>
- *The pdftex-djgpp package. An msdos-djgpp binary of the pdfTeX engine.* 2019-10-05. LICENSE: gpl2+. This package provides a binary of the engine for the distribution.  
 URL: <https://ctan.org/pkg/pdftex-djgpp>  
 MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp-contrib/pdftex-djgpp>
- Rivera, Luis. *The spanish-mx package. Typeset Spanish as in Mexico.* 2020-04-11. Version 1.1a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/spanish-mx>  
 MIRROR: <https://mirror.ctan.org/obsolete/language/spanish/babel-contrib/spanish-mx>
- *The texilikechaps package. Format chapters with a texi-like format.* 2016-06-24. Version 1.0a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texilikechaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/texilikechaps.sty>
- Rivera, Luis and Winston Chang. *The latexcheat-esmx package. A L<sup>A</sup>T<sub>E</sub>X cheat sheet, in Spanish.* 2016-06-24. Version 2.00. LICENSE: lppl. This is a translation to Spanish (Castellano) of Winston Chang's (a reference sheet for writing scientific papers).  
 URL: <https://ctan.org/pkg/latexcheat-esmx>  
 MIRROR: <https://mirror.ctan.org/info/latexcheat/latexcheat-esmx>

- Rizzuto, Dan. *The neuron package. BibTeX style for the journal Neuron*. 2016-06-24. LICENSE: nosell. Generated by use of .  
 URL: <https://ctan.org/pkg/neuron>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/neuron.bst>
- Robbers, Yuri. *The jtbnew package. BibTeX style for Journal of Theoretical Biology*. 2016-06-24. LICENSE: lppl. Developed using ; apparently intended to supersede .  
 URL: <https://ctan.org/pkg/jtbnew>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jtbnew.bst>
- Robert, Gilles. *The bbm package. "Blackboard-style" cm fonts*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bbm>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/bbm>
- Robertson, Will. *The active-conf package. Class for typesetting ACTIVE conference papers*. 2016-06-24. Version 0.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/active-conf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/active-conf>
- *The addlines package. A user-friendly wrapper around \enlargethispage*. 2018-12-05. Version 0.3. LICENSE: lppl1.3c  
 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>
  - *The DTX gallery package. A small collection of minimal DTX examples*. 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dtxgallery>  
 MIRROR: <https://mirror.ctan.org/info/dtxgallery>
  - *The environ package. A new interface for environments in L<sup>A</sup>T<sub>E</sub>X*. 2019-09-28. Version 0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/environ>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/environ>
  - *The euxunicode package. Generate Unicode characters from accented glyphs*. 2016-10-08. Version 0.1g. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/euxunicode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
  - *The icsv package. Class for typesetting articles for the ICSV conference*. 2016-06-24. Version 0.2. LICENSE: lppl. This is an ad-hoc class for typesetting articles for the ICSV conference, based on the earlier by the same author.  
 URL: <https://ctan.org/pkg/icsv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/icsv>
  - *The inversepath package. Calculate inverse file paths*. 2018-01-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/inversepath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inversepath>
  - *The leading package. Define leading with a length*. 2018-01-06. Version 0.3. LICENSE: lppl. The package defines a command , whose argument is a that specifies the nominal distance between consecutive baselines of typeset text. The command replaces the rather more difficult L<sup>A</sup>T<sub>E</sub>X command , where the leading is specified by reference to the font size.  
 URL: <https://ctan.org/pkg/leading>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leading>
- Robertson, Will. *The minibox package. A simple type of box for L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.2a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/minibox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minibox>
- *The mlist package. Logical markup for lists*. 2016-06-24. Version 0.6a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mlist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mlist>
  - *The pracjourn package. Typeset articles for PracTeX*. 2021-08-26. Version 0.4n. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pracjourn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pracjourn>

- *The realscripts package*. Access OpenType subscript and superscript glyphs. 2020-09-26. Version 0.3d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realscripts>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/realscripts>
- *The subdepth package*. Unify maths subscript height. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/subdepth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdepth>
- *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 vwcot package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lppl1.3. The package provides a crude environment () for typesetting multicolumn paragraph text of various column widths on a single page.  
URL: <https://ctan.org/pkg/vwcot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vwcot>
- *The xltextra package*. “Extras” for L<sup>A</sup>T<sub>E</sub>X users of XeTeX. 2020-09-26. Version 0.7. LICENSE: lppl1.3c. This package was previously used to provide a number of features that were useful for typesetting documents with X<sub>E</sub>L<sup>A</sup>T<sub>E</sub>X. Many of those features have now been incorporated into the package and other packages, but the package persists for backwards compatibility. Nowadays, loading will: load the , , and packages; redefine so it works correctly; and define two extra commands: and .  
URL: <https://ctan.org/pkg/xltextra>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xltextra>
- Robertson, Will and Karl Berry. *The XeTeXref package*. Reference documentation of XeTeX. 2023-08-26. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xetexref>  
MIRROR: <https://mirror.ctan.org/info/xetexref>
- Robertson, Will and Kevin Godby. *The hardwrap package*. Hard wrap text to a certain character length. 2018-01-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hardwrap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hardwrap>
- Robertson, Will and Johannes Große. *The ifplatform package*. Conditionals to test which platform is being used. 2017-12-07. Version 0.4a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ifplatform>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
- Robertson, Will and Khaled Hosny. *The unicode-math package*. Unicode mathematics support for XeTeX and LuaTeX. 2023-08-13. Version 0.8r. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unicode-math>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pstool>
- Robertson, Will, Élie Roux, and Khaled Hosny. *The EUenc package*. Unicode font encoding definitions for XeTeX. 2016-10-08. Version 0.1h. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/euenc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- Robertson, Will and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fontspec package*. Advanced font selection in X<sub>E</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX. 2022-05-18. Version 2.8a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fontspec>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontspec>
- Robertson, Will and Peter R. Wilson. *The abstract package*. Control the typesetting of the abstract environment. 2016-06-24. Version 1.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/abstract>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abstract>
- Robertson, Will and Peter R. Wilson. *The anonchap package*. Make chapters be typeset like sections. 2016-06-24. Version 1.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/anonchap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonchap>
- *The appendix package*. Extra control of appendices. 2020-02-08. Version 1.2c. LICENSE: lppl1.3c. The appendix package provides various ways of formatting the titles of appendices. Also (sub)appendices environments are provided that can be used, for example, for per chapter/section appendices. The word ‘Appendix’ or similar can be prepended to the appendix number for



article class documents. The word ‘Appendices’ or similar can be added to the table of contents before the appendices are listed. The word ‘Appendices’ or similar can be typeset as a -like heading (page) in the body. An environment is provided which can be used instead of the command.

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

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

- *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- $\LaTeX$  code.* 2016-06-24. Version 1.2d. LICENSE: lppl. Extends the package to cater for documenting non- $\LaTeX$  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  $\LaTeX$  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>
- Robertson, Will and Peter R. Wilson. *The hyphenat package. Disable/enable hyphenation.* 2016-06-24. Version 2.3c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hyphenat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyphenat>
- *The ifmtarg package. If-then-else command for processing potentially empty arguments.* 2018-04-16. Version 1.2b. LICENSE: lppl  
URL: <https://ctan.org/pkg/ifmtarg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmtarg>
- *The layouts package. Display various elements of a document’s layout.* 2016-06-24. Version 2.6d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/layouts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/layouts>
- *The makecmds package. The new \makecommand command always (re)defines a command.* 2016-06-24. LICENSE: lppl. The package provides a command, which is like except it always (re)defines a command. There is also and for environments.



- URL: <https://ctan.org/pkg/makecmds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
- *The midpage package. Environment for vertical centring.* 2016-06-24. Version 1.1a. LICENSE: lppl. The environment will centre text, if immediately preceded and followed by .  
URL: <https://ctan.org/pkg/midpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
  - *The needspace package. Insert pagebreak if not enough space.* 2016-06-24. Version 1.3d. LICENSE: lppl  
URL: <https://ctan.org/pkg/needspace>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/needspace>
  - *The newfile package. User level management of L<sup>A</sup>T<sub>E</sub>X input and output.* 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by T<sub>E</sub>X. The so provided are mapped to various of the L<sup>A</sup>T<sub>E</sub>X input and output mechanisms. Some facilities of the package are also mapped.  
URL: <https://ctan.org/pkg/newfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfile>
  - *The nextpage package. Generalisations of the page advance commands.* 2016-07-17. Version 1.1a. LICENSE: lppl. Provides and variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.  
URL: <https://ctan.org/pkg/nextpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>
  - *The pagenote package. Notes at end of document.* 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.  
URL: <https://ctan.org/pkg/pagenote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagenote>
  - *The romannum package. Generate roman numerals instead of arabic digits.* 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes L<sup>A</sup>T<sub>E</sub>X generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.  
URL: <https://ctan.org/pkg/romannum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>
  - *The stdclsdv package. Provide sectioning information for package writers.* 2016-06-24. Version 1.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/stdclsdv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>
  - *The titling package. Control over the typesetting of the \maketitle command.* 2016-06-24. Version 2.1d. LICENSE: lppl. The titling package provides control over the typesetting of the command and commands, and makes the , and information permanently available. Multiple titles are allowed in a single document. New titling elements can be added and a titlepage title can be centered on a physical page.  
URL: <https://ctan.org/pkg/titling>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titling>
  - *The tocbibind package. Add bibliography/index/contents to Table of Contents.* 2016-06-24. Version 1.5k. LICENSE: lppl  
URL: <https://ctan.org/pkg/tocbibind>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocbibind>
  - *The tocloft package. Control table of contents, figures, etc.* 2020-01-10. Version 2.3j. LICENSE: lppl1.3c. Provides control over the typography of the Table of Contents, List of Figures and List of Tables, and the ability to create new ‘List of ...’. The ToC may be changed.  
URL: <https://ctan.org/pkg/tocloft>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocloft>
- Robertson, Will and Peter R. Wilson. *The tocvsec2 package. Section numbering and table of contents control.* 2016-06-24. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tocvsec2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocvsec2>
- *The verse package. Aids for typesetting simple verse.* 2016-06-24. Version 2.4b. LICENSE: lppl  
URL: <https://ctan.org/pkg/verse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verse>
  - *The vertbars package. Mark vertical rules in margin of text.* 2018-12-16. Version 1.0c. LICENSE: lppl1.3c. This package is an extension to , replacing that package’s line numbers with bars to the left or right of the text.  
URL: <https://ctan.org/pkg/vertbars>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vertbars>

- *The xtab package. Break tables across pages.* 2016-06-24. Version 2.3f. LICENSE: lppl. Xtab is an extended and somewhat improved version of ; its environment provides tables that break across pages.  
URL: <https://ctan.org/pkg/xtab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtab>
- Robertson, Will, Peter R. Wilson, and Harald Harders. *The printlen package. Print lengths using specified units.* 2019-03-12. Version 1.1a. LICENSE: lppl. prints the value of a L<sup>A</sup>T<sub>E</sub>X length in the units specified by ('unit' may be any T<sub>E</sub>X length unit except for scaled point, viz., any of: , , , , , or ). When the unit is , the printed length value will include any stretch or shrink; otherwise these are not printed. The 'unit' argument may also be , in which case length values will be printed in point units but without any stretch or shrink values.  
URL: <https://ctan.org/pkg/printlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/printlen>
- Robson, Adrian P. *The backnaur package. Typeset Backus Naur Form definitions.* 2020-01-11. Version 3.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/backnaur>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/backnaur>
- *The flowchart package. Shapes for drawing flowcharts, using TikZ.* 2016-06-24. Version 3.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/flowchart>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
- *The makeshape package. Declare new PGF shapes.* 2016-06-24. Version 2.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/makeshape>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/makeshape>
- Rochester, Wayne A. *The warpcol package. Relative alignment of rows in numeric columns in tabulars.* 2016-06-24. Version 1.0c. LICENSE: lppl. Defines a tabular column type for formatting numerical columns in L<sup>A</sup>T<sub>E</sub>X. The column type enables numerical items to be right justified relative to each other, while centred beneath the column label. In addition, macros are provided to enable variations on this column type to be defined. Usage of the package is superficially similar to that of ; however, the alignment scheme is different, and the packages have different, though overlapping, applications.  
URL: <https://ctan.org/pkg/warpcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warpcol>
- Rochford, Peter A. *The navydocs package. Support for Technical Reports by US Navy Organizations.* 2016-07-13. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/navydocs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/navydocs>
- Roderick, David. *The binomexp package. Calculate Pascal's triangle.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/binomexp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/binomexp>
- Rødland, Einar Andreas. *The Texcount package. Count words in a L<sup>A</sup>T<sub>E</sub>X document.* 2018-10-28. Version 3.1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/texcount>  
MIRROR: <https://mirror.ctan.org/support/texcount>
- Rodrigues, Vinícius Barros. *The ecothesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for the Universidade Federal de Viçosa (UFV), Brazil.* 2018-06-20. Version 1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ecothesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
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URL: <https://ctan.org/pkg/pst-eucl>  
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- 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>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eledform>
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 URL: <https://ctan.org/pkg/customdice>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/customdice>
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 URL: <https://ctan.org/pkg/mboxfill>  
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 URL: <https://ctan.org/pkg/ncclatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncclatex>
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URL: <https://ctan.org/pkg/tikzcodeblocks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzcodeblocks>

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

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URL: <https://ctan.org/pkg/xpeek>  
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MIRROR: <https://mirror.ctan.org/macros/generic/knst>

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

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

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

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URL: <https://ctan.org/pkg/tikz-planets>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-planets>

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URL: <https://ctan.org/pkg/kinematikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kinematikz>

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URL: <https://ctan.org/pkg/sinhala>  
MIRROR: <https://mirror.ctan.org/language/sinhala>

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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>

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

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

— *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>

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

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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++*. 2023-03-20. 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>
- Scharrer, Martin. *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>
- *The gincitex package*. Include  $\TeX$  files as graphics (.tex support for `\includegraphics`). 2022-10-26. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/gincitex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gincitex>
  - *The gobble package*. More gobble macros for PlainTeX and  $\LaTeX$ . 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  $\LaTeX_{2e}$  macros. 2022-10-26. Version 0.4a. LICENSE: lppl1.3c. This document lists the internal macros defined by the  $\LaTeX_{2e}$  base files which can also be useful to package authors. The macros are hyper-linked to their description in . For this to work both PDFs must be inside the same directory. This document is not yet complete in content and format and may miss some macros.  
URL: <https://ctan.org/pkg/macros2e>  
MIRROR: <https://mirror.ctan.org/info/macros2e>
  - *The multienv package*. Multiple environments using a “key=value” syntax. 2022-10-26. Version 1.0. LICENSE: lppl1.3. The package provides a environment which permits easy addition of multiple environments using a syntax. Macros to define environments using this syntax are also provided.  
URL: <https://ctan.org/pkg/multienv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multienv>
  - *The mwe package*. Packages and image files for MWEs. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)TeX document. This allows different users to share MWEs which include image commands, without the need to share image files or to use replacement code.  
URL: <https://ctan.org/pkg/mwe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mwe>
  - *The newverbs package*. Define new versions of `\verb`, including short verb versions. 2022-10-26. Version 1.6a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/newverbs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newverbs>
  - *The rcs-multi package*. Typeset RCS version control in multiple-file documents. 2022-10-26. Version 0.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/rcs-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcs-multi>
- Scharrer, Martin. *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  $\TeX$  pictures stand-alone or as part of a document. 2022-10-11. Version 1.3b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/standalone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standalone>
  - *The storebox package*. Storing information for reuse. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storebox>
  - *The sty2dtx package*. Create a .dtx file from a .sty file. 2022-10-26. Version 2.4. LICENSE: gpl3  
URL: <https://ctan.org/pkg/sty2dtx>  
MIRROR: <https://mirror.ctan.org/support/sty2dtx>

- *The svn-multi package. Subversion keywords in multi-file L<sup>A</sup>T<sub>E</sub>X documents.* 2022-10-26. Version 2.4d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/svn-multi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-multi>
- *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.* 2023-02-04. Version 3.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nameauth>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nameauth>
- *The schemata package. Print topical diagrams.* 2021-02-27. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schemata>  
 MIRROR: <https://mirror.ctan.org/macros/generic/schemata>
- Scheidt, Martin. *The tikz-tracksschematic package. A TikZ library for creating track diagrams in railways.* 2022-06-02. Version 0.7.1. LICENSE: isc  
 URL: <https://ctan.org/pkg/tikz-tracksschematic>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-tracksschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package. Footnote numbering per page.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/pagefoots>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>
- Schenk, Christian. *The miktex package. A free T<sub>E</sub>X distribution for MS-Windows.* 2022-08-04. Version 22.7. LICENSE: other-free  
 URL: <https://ctan.org/pkg/miktex>  
 MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- Schenk, Christian. *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>
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 MIRROR: <https://mirror.ctan.org/info/knuth-pdf>
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 MIRROR: <https://mirror.ctan.org/fonts/euroitc>
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 MIRROR: <https://mirror.ctan.org/obsolete/fonts/auto1>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccfonts>
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 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>
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URL: <https://ctan.org/pkg/fixmath>  
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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>
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URL: <https://ctan.org/pkg/psnfss-source>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/psnfss-source>
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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>  
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  - *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>  
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URL: <https://ctan.org/pkg/was>  
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MIRROR: <https://mirror.ctan.org/fonts/LuxiMono>
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URL: <https://ctan.org/pkg/psnfss>  
MIRROR: <https://mirror.ctan.org/macros/latex/required/psnfss>
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 URL: <https://ctan.org/pkg/yfonts>  
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 URL: <https://ctan.org/pkg/astro>  
 MIRROR: <https://mirror.ctan.org/fonts/astro>
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 URL: <https://ctan.org/pkg/backgrnd>  
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spectra>
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 URL: <https://ctan.org/pkg/vf-howto>  
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 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>  
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 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>
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 URL: <https://ctan.org/pkg/jbact>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jbact.bst>
- *The jmb package*. BibT<sub>E</sub>X 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>
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 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.  
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- 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>  
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 URL: <https://ctan.org/pkg/typedref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typedref>

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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/inlinebib>
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 URL: <https://ctan.org/pkg/balancedquotes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/balancedquotes.sty>
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 MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/Fedora>
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 URL: <https://ctan.org/pkg/beamerappendixnote>  
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 MIRROR: <https://mirror.ctan.org/dviware/dvisirule>
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 URL: <https://ctan.org/pkg/familytree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/familytree>
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 URL: <https://ctan.org/pkg/dvibit>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coollist>

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 URL: <https://ctan.org/pkg/dyntree>  
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 URL: <https://ctan.org/pkg/alpha-persian>  
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 URL: <https://ctan.org/pkg/algolrevived>  
 MIRROR: <https://mirror.ctan.org/fonts/algolrevived>
- *The baskervaldx package. Extension and modification of BaskervaldADF with L<sup>A</sup>T<sub>E</sub>X support.* 2020-12-06. Version 1.076. LICENSE: gpl2+,lppl1.3. Extends and modifies the font (a Baskerville substitute) with more accented glyphs, with small caps and oldstyle figures in all shapes. Includes OpenType and PostScript fonts, as well as L<sup>A</sup>T<sub>E</sub>X support files.  
 URL: <https://ctan.org/pkg/baskervaldx>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervaldx>
- *Thebaskervillef package. Fry's Baskerville look-alike, with math support.* 2020-06-07. Version 1.051. LICENSE: ofl,lppl1.3. BaskervilleF is a fork from the (Roman, Italic, Bold only) released under the OFL by Paolo Impallari and Rodrigo Fuenzalida. Their fonts are optimized for web usage, while BaskervilleF is optimized for traditional T<sub>E</sub>X usage, normally destined for production of pdf files. A bold italic style was added and mathematical support is offered as an option to .  
 URL: <https://ctan.org/pkg/baskervillef>  
 MIRROR: <https://mirror.ctan.org/fonts/baskervillef>
- *The bboldx package. Extension of the bbold package with a Blackboard Bold alphabet.* 2022-12-31. Version 1.032. LICENSE: other-free. Extension of to a package with three weights, of which the original is considered as light and the additions as regular and bold.  
 URL: <https://ctan.org/pkg/bboldx>  
 MIRROR: <https://mirror.ctan.org/fonts/bboldx>
- *The bickham package. Virtual fonts for Adobe Bickham Script Pro.* 2019-05-21. Version 1.1. LICENSE: lppl. The bundle provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for Adobe Bickham Script Pro as a math calligraphic font in regular and bold weights. The most recent version of offers support for these virtual fonts.  
 URL: <https://ctan.org/pkg/bickham>  
 MIRROR: <https://mirror.ctan.org/fonts/bickham>
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 URL: <https://ctan.org/pkg/boondox>  
 MIRROR: <https://mirror.ctan.org/fonts/boondox>
- *The cochineal package. Cochineal fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-02-16. Version 1.077. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/cochineal>  
 MIRROR: <https://mirror.ctan.org/fonts/cochineal>
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 URL: <https://ctan.org/pkg/dsserif>  
 MIRROR: <https://mirror.ctan.org/fonts/dsserif>



- *The dutchcal package*. A reworking of ESSTIX13, adding a bold version. 2019-05-21. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dutchcal>  
MIRROR: <https://mirror.ctan.org/fonts/dutchcal>
- *The erewhon package*. Font package derived from Heuristica and Utopia. 2022-05-16. Version 1.12. LICENSE: ofl,lppl1.3. Erewhon is based on the package, which is based in turn on . Erewhon adds a number of new features — small caps in all styles rather than just regular, added figure styles (proportional, inferior, numerator, denominator) and superior letters. The size is 6% smaller than Heuristica, matching that of UtopiaStd.  
URL: <https://ctan.org/pkg/erewhon>  
MIRROR: <https://mirror.ctan.org/fonts/erewhon>
- *The esstix package*. PostScript versions of the ESSTIX, with macro support. 2016-06-24. Version 1.0. LICENSE: ofl  
URL: <https://ctan.org/pkg/esstix>  
MIRROR: <https://mirror.ctan.org/fonts/esstix>
- *The ETbb package*. An expansion of Edward Tufte’s ET-Bembo family. 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
URL: <https://ctan.org/pkg/etbb>  
MIRROR: <https://mirror.ctan.org/fonts/etbb>
- *The fbb package*. A free Bembo-like font. 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/fbb>  
MIRROR: <https://mirror.ctan.org/fonts/fbb>
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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>
- *The LibertinusT1Math package*. A Type 1 font and L<sup>A</sup>T<sub>E</sub>X support for Libertinus Math. 2022-01-26. Version 2.0.2. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/libertinust1math>  
MIRROR: <https://mirror.ctan.org/fonts/libertinust1math>
- *The mathalpha package*. General package for loading maths alphabets in L<sup>A</sup>T<sub>E</sub>X. 2021-11-18. Version 1.143. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mathalpha>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathalpha>
- *The minion2newtx package*. Enable use of Minion Pro with newtx. 2020-05-03. Version 2.0. LICENSE: lppl1.3. The package is an add-on to the newtxmath package, providing metric files that allow use of the Roman and Greek letters from MinionPro Version 2 within using the ‘minion’ option.  
URL: <https://ctan.org/pkg/minion2newtx>  
MIRROR: <https://mirror.ctan.org/fonts/minion2newtx>
- *The montserrat package*. Montserrat sans serif, otf and pfb, with L<sup>A</sup>T<sub>E</sub>X support files. 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/montserrat>  
MIRROR: <https://mirror.ctan.org/fonts/montserrat>
- *The newpx package*. Alternative uses of the PX fonts, with improved metrics. 2023-08-26. Version 1.511. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/newpx>  
MIRROR: <https://mirror.ctan.org/fonts/newpx>
- *The newtx package*. Alternative uses of the TX fonts, with improved metrics. 2023-08-26. Version 1.726. 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. 2023-05-08. Version 1.055. LICENSE: ofl,lppl1.3. 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>

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 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*. 2023-08-22. Version 1.03. LICENSE: ofl,lppl1.3. Math support via for Google's . (Regular and Bold weights only.)  
 URL: <https://ctan.org/pkg/notomath>  
 MIRROR: <https://mirror.ctan.org/fonts/notomath>
  - *The pst-bspline package. Draw cubic Bspline curves and interpolations*. 2016-06-24. Version 1.62. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pst-bspline>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
  - *The pst-layout package. Page layout macros based on PSTricks packages*. 2018-09-15. Version .95. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-layout>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
  - *The pstdoc package. A tool for PSTricks documentation*. 2018-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstdoc>  
 MIRROR: <https://mirror.ctan.org/info/pstdoc>
  - *The ptmsc package. Addon to the newtx package*. 2021-09-11. Version 1.1. LICENSE: lppl1.3. This is an addon to the package that allows the substitution of the commercial Adobe TimesSC fonts for the default upright small caps in .  
 URL: <https://ctan.org/pkg/ptmsc>  
 MIRROR: <https://mirror.ctan.org/fonts/ptmsc>
  - *The ptxalfa package. Virtual maths alphabets based on pxfonts and txfonts*. 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
 URL: <https://ctan.org/pkg/ptxalfa>  
 MIRROR: <https://mirror.ctan.org/fonts/ptxalfa>
  - *The rsfso package. A mathematical calligraphic font based on rsfs*. 2021-10-22. Version 1.03. LICENSE: lppl. The package provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for mathematical calligraphic fonts based on the (which must also be present for successful installation, with the slant substantially reduced. The output is quite similar to that from the Adobe Mathematical Pi script font.  
 URL: <https://ctan.org/pkg/rsfso>  
 MIRROR: <https://mirror.ctan.org/fonts/rsfso>
  - *The scanpages package. Support importing and embellishing scanned documents*. 2016-12-02. Version 1.05a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scanpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scanpages>
  - *The ScholaX package. Extension of T<sub>E</sub>X Gyre Schola (New Century Schoolbook) with math support*. 2022-02-01. Version 1.033. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scholax>  
 MIRROR: <https://mirror.ctan.org/fonts/scholax>
  - *The SticksToo package. A reworking of STIX2*. 2021-10-18. Version 1.035. LICENSE: ofl,lppl1.3. SticksToo is a reworking of the STIX2 fonts with support files focussing on enhancements of support for L<sup>A</sup>T<sub>E</sub>X users wishing to be able to access more of its features. A companion addition to the package (version 1.55) provides a matching math package using STIX2 letters (Roman and Greek) with symbols.  
 URL: <https://ctan.org/pkg/stickstoo>  
 MIRROR: <https://mirror.ctan.org/fonts/stickstoo>
  - *The superiors package. Attach superior figures to a font family*. 2019-08-19. Version 1.06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/superiors>  
 MIRROR: <https://mirror.ctan.org/fonts/superiors>
  - *The tempora package. Greek and Cyrillic to accompany Times*. 2016-06-24. Version 1.05. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/tempora>  
 MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUpCal package. Upright calligraphic font based on TX calligraphic*. 2017-03-09. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as an uprighted version of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.

- URL: <https://ctan.org/pkg/txuprcal>  
 MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
- Sharpe, Michael. *The urwchancal package. Use URW's clone of Zapf Chancery as a maths alphabet.* 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/urwchancal>  
 MIRROR: <https://mirror.ctan.org/fonts/urwchancal>
- *The XCharter package. Extension of Bitstream Charter fonts.* 2023-07-27. Version 1.25. LICENSE: other-free,lppl1.3  
 URL: <https://ctan.org/pkg/xcharter>  
 MIRROR: <https://mirror.ctan.org/fonts/xcharter>
  - *The zlmtt package. Use Latin Modern Typewriter fonts.* 2022-08-08. Version 1.032. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/zlmtt>  
 MIRROR: <https://mirror.ctan.org/fonts/zlmtt>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/arrayjob>  
 MIRROR: <https://mirror.ctan.org/macros/generic/arrayjobx>
- *The arrayjobx package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/arrayjobx>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/horoscop>
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 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/byrne>
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 URL: <https://ctan.org/pkg/fiziko>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kalendarium>
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 URL: <https://ctan.org/pkg/transfig>  
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 URL: <https://ctan.org/pkg/genindex>  
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- *The pageframe package. Page frames, grids, etc., for L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pageframe>  
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- *The wrtfile package. Write T<sub>E</sub>X files from a T<sub>E</sub>X document.* 2016-06-24. LICENSE: other-free. Wrtfile is a means of creating self-extracting distributions in T<sub>E</sub>X files; it is similar in conception to the L<sup>A</sup>T<sub>E</sub>X mechanism, but is somewhat more efficient. Wrtfile is (of course) distributed using its own mechanisms.  
 URL: <https://ctan.org/pkg/wrtfile>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/wrtfile>
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 URL: <https://ctan.org/pkg/lettermac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/lettermac.tex>
- *The make-env package. Print USPS standard envelopes.* 2016-06-24. LICENSE: noinfo. The package prints USPS standard envelopes, using the author's and packages.  
 URL: <https://ctan.org/pkg/make-env>  
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- *The zip package. Barcodes for USA ZIP code.* 2020-04-11. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/zip.tex>
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 URL: <https://ctan.org/pkg/accfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/accfonts>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmpinc1>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doi>
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 URL: <https://ctan.org/pkg/robotarm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/robotarm>
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 URL: <https://ctan.org/pkg/koma-moderncvclassic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-moderncvclassic>
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 URL: <https://ctan.org/pkg/juramisc>  
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- *The pst-vehicle package. A PSTricks package for rolling vehicles on graphs of mathematical functions.* 2021-12-29. Version 1.3. LICENSE: lppl1.3c. This package permits to represent vehicles rolling without slipping on mathematical curves. Different types of vehicles are proposed, the shape of the curve is to be defined by its equation “ $=()$ ” in algebraic notation.  
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 URL: <https://ctan.org/pkg/jlm>  
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 URL: <https://ctan.org/pkg/templates-sommer>  
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  - *The caption2 package. Superseded version of the caption package.* 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/caption2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The ltcaption package. Fix some caption problems in longtables.* 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The newfloat package. Define new floating environments.* 2023-05-17. Version 1.11. LICENSE: lppl1.3. The package offers the command , 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 .  
 URL: <https://ctan.org/pkg/newfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfloat>
  - *The rotfloat package. Rotate floats.* 2016-06-24. Version 1.2. LICENSE: lppl. The package provides commands to define new floats of various styles (plain, boxed, ruled, and userdefined ones); the package provides new environments (sidewaysfigure and sidewaystable) which are rotated by 90 or 270 degrees. But what about new rotated floats, e.g. a rotated ruled one? This package makes this possible; it builds a bridge between the two packages and extends the commands from the float package to define rotated versions of the new floats, too.  
 URL: <https://ctan.org/pkg/rotfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
  - *The rplain package. Redefines the plain pagestyle.* 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
 URL: <https://ctan.org/pkg/rplain>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
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 URL: <https://ctan.org/pkg/totalcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/totalcount>
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 This package was created with the aim of facilitating the work of Elementary School teachers who need to create colorful and attractive activities for their students. It is a product of the Computational Mathematics discipline offered at the Federal University of Viçosa — Campus UFV — Florestal by professor Fernando de Souza Bastos. It makes use of the and packages.  
 URL: <https://ctan.org/pkg/figchild>  
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 URL: <https://ctan.org/pkg/bm2font>  
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- Sozuer, Sami. *The noprot package. Avoid the need for protection*. 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/noprot.sty>
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 URL: <https://ctan.org/pkg/statex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex>
- *The statex2 package. Statistics style*. 2016-06-24. Version 2.1. LICENSE: lppl. The package defines many macros for items of significance in statistical presentations. It represents a syntax-incompatible upgrade of .  
 URL: <https://ctan.org/pkg/statex2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex2>
- Spencer, Stephen N. and Young Ryu. *The newapa package. Another APA citation mechanism*. 2019-12-27. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/newapa>  
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- Spiegel, Simon. *The biblatex-fiwi package. BibL<sup>A</sup>T<sub>E</sub>X styles for use in German humanities*. 2017-11-21. Version 1.7. LICENSE: lppl1.3.  
 The package provides a collection of styles for (version 3.5 is required, currently). It was designed for citations in German Humanities, especially film studies, and offers some features that are not provided by the standard BibL<sup>A</sup>T<sub>E</sub>X styles. The style is highly optimized for documents written in German, and the main documentation is only available in German.  
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URL: <https://ctan.org/pkg/pxpic>  
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URL: <https://ctan.org/pkg/pstrees>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/pstrees>
- Steuer, Arne W. *The cassette209 package. A L<sub>A</sub>T<sub>E</sub>X 209 document style for cassette inserts*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cassette209>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/cassette>
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URL: <https://ctan.org/pkg/jeep>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/jeep>
- Stippich, Frank. *The texed package. A T<sub>E</sub>X shell for OS/2*. 2016-06-24. Version 1.50. LICENSE: shareware. A T<sub>E</sub>X shell for OS/2, FSS-TeXEdit provides an easy interface for L<sub>A</sub>T<sub>E</sub>X2<sub>ε</sub>, , and .  
URL: <https://ctan.org/pkg/texed>  
MIRROR: <https://mirror.ctan.org/systems/os2/texed>
- Stoffel, Augusto. *The digestif package. Editor plugin for L<sub>A</sub>T<sub>E</sub>X, ConTeXt etc*. 2022-12-08. Version 0.5.1. LICENSE: gpl3+,lppl1.3,fdl  
URL: <https://ctan.org/pkg/digestif>  
MIRROR: <https://mirror.ctan.org/support/digestif>
- *The tikz-cd package. Create commutative diagrams with TikZ*. 2021-05-08. Version 1.0. LICENSE: lppl1.3. The general-purpose drawing package can be used to typeset commutative diagrams and other kinds of mathematical pictures, generating high-quality results. The purpose of this package is to make the process of creation of such diagrams easier by providing a convenient set of macros and reasonable default settings. This package also includes an arrow tip library that match closely the arrows present in the Computer Modern typeface.  
URL: <https://ctan.org/pkg/tikz-cd>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>
- Stoks, Sander. *The kix package. Typeset KIX codes*. 2016-06-24. LICENSE: lppl1  
URL: <https://ctan.org/pkg/kix>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kix>
- Stone, Anthony. *The bidstobibtex package. Convert BIDS returns to BibTeX*. 2016-06-24. LICENSE: noinfo. A Perl script that takes input from a email message (generated by BIDS in its downloading format) to BibTeX.  
URL: <https://ctan.org/pkg/bidstobibtex>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bids/bids.to.bibtex>
- Stone, Philip. *The ReadableCV package. A highly readable and good looking CV and letter class*. 2023-08-19. Version 4.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/readablecv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/readablecv>

- Story, Donald P. *The acroflex package. Create a graphing widget in a PDF file.* 2021-09-11. Version 1.7. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/acroflex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/acroflex>
- *The AcroMemory package. Memory games in L<sup>A</sup>T<sub>E</sub>X.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/acromemory>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)
  - *The AcroSort package. Sort sliced image into order.* 2021-09-11. Version 1.6.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acrosort>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acrosort](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acrosort)
  - *The acrotex package. The AcroTeX education bundle.* 2022-12-13. LICENSE: lppl  
 URL: <https://ctan.org/pkg/acrotex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The acrotex-js package. JavaScript files used by acrotex and other packages.* 2021-11-07. LICENSE: lppl. In the distribution of this package are two critical JavaScript files ( and ) used by the packages , , and . Previously these JS files were distributed with the individual packages, now they are distributed by this package and must be installed according to the instructions in the folder.  
 URL: <https://ctan.org/pkg/acrotex-js>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex-js>
  - *The acrotex-web package. Establish a page layout for an on-screen (PDF) document.* 2021-05-12. Version 6.1.7. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/acrotex-web>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The AeB Pro package. Items from the AeB Pro Family of Software.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/aeb-pro>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb\\_pro](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb_pro)
  - *The AeB slicing package. An image slicer.* 2021-09-11. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/aeb-slicing>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb-slicing](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb-slicing)
  - *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 aeb-envelope 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/aeb-envelope>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb-envelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb-envelope)
  - *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)

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 URL: <https://ctan.org/pkg/artthreads>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/artthreads>
- *The bargraph-js package. Create bar graphs using form fields and JavaScript*. 2021-09-11. Version 0.8. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/bargraph-js>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bargraph-js>
  - *The cntdwn package. Support for countdowns, and for clocks in any timezone*. 2021-09-11. Version 0.6. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/cntdwn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntdwn>
  - *The conv-xkv package. Create new key-value syntax*. 2017-03-20. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/conv-xkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>
  - *The datepicker-pro package. Create a popup datepicker using SWF*. 2021-09-11. Version 1.4. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/datepicker-pro>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>
  - *The digicap-pro package. Creates captions to digital photos*. 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/digicap-pro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>
  - *The docassembly package. Use the Acrobat JavaScript API*. 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/docassembly>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docassembly>
  - *The dps package. Create a "matching" game with a hidden message*. 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dps>
  - *The ecards package. Electronic flash cards*. 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/ecards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecards>
  - *The eforms package. eForm support for the AcroTeX bundle*. 2021-05-12. Version 2.4.3. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/eforms>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The endnotes-hy package. Patches the endnotes package to create hypertext links to the correct anchors*. 2020-04-16. LICENSE: lppl1.2.  
 The package supports the creation of hypertext links in support of the package. The package modifies the syntax of the command: When the -option is used, no endnote mark is created, but the endnote itself is written. The command appears at the end of the and its arguments, rather than within the argument of the argument.  
 URL: <https://ctan.org/pkg/endnotes-hy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endnotes-hy>
  - *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>



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 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: lppl  
 URL: <https://ctan.org/pkg/fldigial>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
  - *The forms16be package. Initialize form properties using big-endian encoding.* 2019-06-03. Version 1.3. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/forms16be>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>
  - *The graphicxbox package. Insert a graphical image as a background.* 2016-06-24. Version 1.0. LICENSE: lppl. The package defines two new commands and , which are companions to and of the . The command inserts a graphical image as a background rather than a background color, while does the same thing, but also draws a colored frame around the box.  
 URL: <https://ctan.org/pkg/graphicxbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>
  - *The GraphicxSP package. An extension of the graphicx package.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/graphicxsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>
  - *The grayhints package. Produce ‘gray hints’ to a variable text field.* 2018-11-03. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/grayhints>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grayhints>
  - *The icon-appr package. Creates icon appearances for form buttons.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/icon-appr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>
  - *The insdljs package. Insert document-level JavaScript in L<sup>A</sup>T<sub>E</sub>X documents.* 2021-06-19. Version 2.5.5. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/insdljs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
  - *The jj-game package. A L<sup>A</sup>T<sub>E</sub>X class to construct Jeopardy-like games.* 2021-09-11. Version 3.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/jj-game>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)
  - *The lmacs package. A simple package for including support files.* 2021-09-11. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/lmacs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
  - *The ltx4yt package. Play YouTube videos in the default browser.* 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltx4yt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>
  - *The mi-solns package. Extract solutions from exercises and quizzes.* 2019-01-12. Version 0.6. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/mi-solns>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mi-solns>
  - *The mkstmp package. Provides a simple workflow for creating custom stamps.* 2018-06-12. Version 1.1. LICENSE: lppl  
 URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
  - *The opacity-pro package. Set transparency and blend mode.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/opacity-pro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>
  - *The pmdb package. Create a DB (PDF) document for selecting content for inclusion in another documents.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/pmdb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>
  - *The popupmenu package. Create popup menus in PDF files.* 2021-09-11. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/popupmenu>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>

- Story, Donald P. *The qrcstamps package. Create QR codes using stamps.* 2021-09-11. Version 1.0. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/qrcstamps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
- *The ran\_toks package. Randomise token strings.* 2021-06-06. LICENSE: lppl1  
 URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
  - *The rangen package. Generate random integers, rational and decimal numbers.* 2021-09-11. Version 1.4. LICENSE: lppl1.2. The package generates random integers, rational numbers, and decimal numbers. The package uses the package to generate random integers, and then builds rational numbers and decimal numbers from the generated integers.  
 URL: <https://ctan.org/pkg/rangen>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
  - *The renditions package. Multiple versions from the same content.* 2021-09-11. Version 0.1. LICENSE: lppl. The package sets up ‘comment’ environments, called ; each rendition is thought of as a version of the basic content of the document that includes it.  
 URL: <https://ctan.org/pkg/renditions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
  - *The richtext package. Create rich text strings.* 2021-09-11. LICENSE: lppl1.2. The richtext package is used to create rich text strings that can, in turn, be inserted into the RV (and V) keys of text field. Currently, only the eforms package supports the RV key.  
 URL: <https://ctan.org/pkg/richtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
  - *The rmannot package. Create rich media annotations in a PDF file.* 2021-09-11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rmannot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rmannot>
  - *The Robot Man package. A fun demo of AcroTeX eDucation Bundle facilities.* 2017-04-18. LICENSE: lppl. Robot man is distributed as part of the bundle (just for fun); the source is attached to the PDF file.  
 URL: <https://ctan.org/pkg/robot-man>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)
  - *The thorshammer package. Assessment based on AcroTeX quizzes.* 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/thorshammer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>
  - *The tile-graphic package. Create tiles of a graphical file.* 2020-05-31. LICENSE: lppl1.2. This package breaks a given graphical file into rows and columns of subgraphics, which are called tiles. The tiles can be written separately to individual PDF files, or packaged into a single PDF file.  
 URL: <https://ctan.org/pkg/tile-graphic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>
  - *The xbmks package. Create a cross-document bookmark tree.* 2020-01-18. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/xbmks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
  - *The yt4pdf package. Play YouTube videos in a PDF.* 2020-07-30. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/yt4pdf>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/yt4pdf>
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 URL: <https://ctan.org/pkg/har2nat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/har2nat>
- Strasser, Georg. *The beamertheme-upenn-bc package. Beamer themes for Boston College and the University of Pennsylvania.* 2017-11-20. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/beamertheme-upenn-bc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>
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 URL: <https://ctan.org/pkg/askinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/askinclude>
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 URL: <https://ctan.org/pkg/tktexcad>  
 MIRROR: <https://mirror.ctan.org/graphics/tktexcad>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
- Strauman, Andreas Storvik. *The handin package. Light weight template for creating school submissions using L<sup>A</sup>T<sub>E</sub>X*. 2018-07-22. Version 0.1.1. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2pt3>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
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 URL: <https://ctan.org/pkg/xexchangebar>  
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 URL: <https://ctan.org/pkg/a2ping>  
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 URL: <https://ctan.org/pkg/anyfontsize>  
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 URL: <https://ctan.org/pkg/babel-hungarian>  
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 URL: <https://ctan.org/pkg/graphicx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/graphicx>
- *The latex-uni8 package. Universal inputenc, fontenc, and babel for pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX*. 2019-01-20. Version 0.03. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X style file which makes it easy to use input encoding (UTF-8 by default, can be changed), (optional), (T1 if is not used), (English language by default), hyphenation, underline (with ), default text and math fonts (Computer Modern or Times), and paper sizes correctly with both pdfL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>TeX.  
 URL: <https://ctan.org/pkg/latex-uni8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latex-uni8>
  - *The sam2p package. Convert bitmap formats to compact PS/PDF*. 2021-09-15. Version 0.49.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/sam2p>  
 MIRROR: <https://mirror.ctan.org/graphics/sam2p>
  - *The tt2001 package. Type 1 EC fonts generated by T<sub>E</sub>Xtrace*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tt2001>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/tt2001>
- Takato, Setsuo. *The ketcindy package. Creating graphics for T<sub>E</sub>X using Cinderella*. 2021-03-10. Version 20191225.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/ketcindy>  
 MIRROR: <https://mirror.ctan.org/graphics/ketcindy>
- Takeda, Shiro. *The econ-bst package. BibT<sub>E</sub>X style for economics papers*. 2023-06-29. Version 3.1.1. LICENSE: lppl1.3. This is a BibT<sub>E</sub>X style file for papers in economics. It provides the following features:  
 URL: <https://ctan.org/pkg/econ-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/econ-bst>
- Talbot, Nicola. *The bib2gls package. Command line application to convert .bib files to glossaries-extra.sty resource files*. 2023-08-25. Version 3.5. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/bib2gls>  
 MIRROR: <https://mirror.ctan.org/support/bib2gls>
- *The csvtools package. Reading data from CSV files*. 2016-06-24. Version 1.24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/csvtools>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>
  - *The datatool package. Tools to load and manipulate data*. 2019-09-27. Version 2.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datatool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datatool>
  - *The datatooltk package. A Java GUI for preparing datatool input*. 2018-07-06. Version 1.9. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/datatooltk>  
 MIRROR: <https://mirror.ctan.org/support/datatooltk>
  - *The datetime package. Change format of \today with commands for current time*. 2016-06-24. Version 2.60. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
  - *The datetime2 package. Formats for dates, times and time zones*. 2021-03-21. Version 1.5.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2>
  - *The datetime2-bahasai package. Bahasai language module for the datetime2 package*. 2018-01-10. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bahasai>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bahasai>
  - *The datetime2-breton package. Breton language module for the datetime2 package*. 2019-11-05. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-breton>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-breton>
  - *The datetime2-bulgarian package. Bulgarian language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-bulgarian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-bulgarian>
  - *The datetime2-catalan package. Catalan language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-catalan>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-catalan>
  - *The datetime2-czech package. Czech language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-czech>



- Talbot, Nicola. *The datetime2-danish package. Danish language module for the datetime2 package*. 2018-03-19. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-danish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-danish>
- *The datetime2-dutch package. Dutch language module for the datetime2 package*. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-dutch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-dutch>
  - *The datetime2-en-fulltext package. English Full Text styles for the datetime2 package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-en-fulltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-en-fulltext>
  - *The datetime2-english package. English language module for the datetime2 package*. 2019-10-21. Version 1.05. LICENSE: lppl1.3.  
This module provides the following styles that can be set using provided by . The region not only determines the date/time format but also the time zone abbreviations if the zone mapping setting is on.  
URL: <https://ctan.org/pkg/datetime2-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-english>
  - *The datetime2-esperanto package. Esperanto language module for the datetime2 package*. 2018-04-07. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-esperanto>
  - *The datetime2-estonian package. Estonian language module for the datetime2 package*. 2018-04-13. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-estonian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-estonian>
  - *The datetime2-galician package. Galician language module for the datetime2 package*. 2018-01-07. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-galician>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-galician>
  - *The datetime2-greek package. Greek language module for the datetime2 package*. 2018-04-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-greek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-greek>
  - *The datetime2-hebrew package. Hebrew language module for the datetime2 package*. 2018-04-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-hebrew>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-hebrew>
  - *The datetime2-icelandic package. Icelandic language module for the datetime2 package*. 2022-12-06. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-icelandic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-icelandic>
  - *The datetime2-irish package. Irish Gaelic Language Module for the datetime2 Package*. 2018-04-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>
  - *The datetime2-latin package. Latin language module for the datetime2 package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-latin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-latin>
  - *The datetime2-lsorbian package. Lower Sorbian language module for the datetime2 package*. 2018-05-18. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-lsorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-lsorbian>
  - *The datetime2-magyar package. Magyar language module for the datetime2 package*. 2018-07-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-magyar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-magyar>
  - *The datetime2-norsk package. Norsk language module for the datetime2 package*. 2018-07-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
  - *The datetime2-polish package. Polish language module for the datetime2 package*. 2018-08-21. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-polish>
  - *The datetime2-portuges package. Portuguese language module for the datetime2 package*. 2018-08-21. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/datetime2-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-portuges>



- Talbot, Nicola. *The datetime2-russian package. Russian language module for the datetime2 package*. 2018-12-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-russian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-russian>
- *The datetime2-samin package. Northern Sami language module for the datetime2 package*. 2018-12-07. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-samin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-samin>
  - *The datetime2-scottish package. Scottish Gaelic Language Module for the datetime2 Package*. 2019-09-14. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-scottish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-scottish>
  - *The datetime2-slovak package. Slovak language module for the datetime2 package*. 2019-10-04. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-slovak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovak>
  - *The datetime2-slovene package. Slovene language module for the datetime2 package*. 2019-10-04. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-slovene>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-slovene>
  - *The datetime2-spanish package. Spanish language module for the datetime2 package*. 2017-11-13. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-spanish>
  - *The datetime2-swedish package. Swedish language module for the datetime2 package*. 2018-01-07. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-swedish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-swedish>
  - *The datetime2-turkish package. Turkish language module for the datetime2 package*. 2019-10-10. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-turkish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-turkish>
  - *The datetime2-usorbian package. Upper Sorbian language module for the datetime2 package*. 2019-10-10. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-usorbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-usorbian>
  - *The datetime2-welsh package. Welsh language module for the datetime2 package*. 2019-10-28. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-welsh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>
  - *The dickimaw package. Books and tutorials from the “Dickimaw L<sup>A</sup>T<sub>E</sub>X Series”*. 2017-04-18. LICENSE: fdl  
 URL: <https://ctan.org/pkg/dickimaw>  
 MIRROR: <https://mirror.ctan.org/info/dickimaw>
  - *The doipubmed package. Special commands for use in bibliographies*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides the commands , and . These commands are primarily designed for use in bibliographies. A L<sup>A</sup>T<sub>E</sub>X2HTML style file is also provided.  
 URL: <https://ctan.org/pkg/doipubmed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>
  - *The flowfram package. Create text frames for posters, brochures or magazines*. 2016-06-24. Version 1.17. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flowfram>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flowfram>
  - *The FlowframTk package. Vector graphics application with support for flowfram.sty*. 2019-07-18. Version 0.8.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/flowframtk>  
 MIRROR: <https://mirror.ctan.org/graphics/flowframtk>
  - *The glossaries package. Create glossaries and lists of acronyms*. 2022-11-03. Version 4.52. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/glossaries>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
  - *The glossaries-accsupp package. Accessibility support for glossaries*. 2020-02-15. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/glossaries-accsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
  - *The glossaries-danish package. Danish language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Danish language module for package.  
 URL: <https://ctan.org/pkg/glossaries-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-danish>

- Talbot, Nicola. *The glossaries-dutch package. Dutch language module for glossaries package*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. Dutch language module for package.  
 URL: <https://ctan.org/pkg/glossaries-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-dutch>
- *The glossaries-english package. English language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. English language module for package.  
 URL: <https://ctan.org/pkg/glossaries-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
  - *The glossaries-extra package. An extension to the glossaries package*. 2023-06-28. Version 1.52. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/glossaries-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
  - *The glossaries-german package. German language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. German language module for the package.  
 URL: <https://ctan.org/pkg/glossaries-german>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-german>
  - *The glossaries-irish package. Irish language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Irish language module for package.  
 URL: <https://ctan.org/pkg/glossaries-irish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-irish>
  - *The glossaries-italian package. Italian language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Italian language module for package.  
 URL: <https://ctan.org/pkg/glossaries-italian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-italian>
  - *The glossaries-magyar package. Magyar language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Magyar language module for package.  
 URL: <https://ctan.org/pkg/glossaries-magyar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-magyar>
  - *The glossaries-polish package. Polish language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Polish language module for the package.  
 URL: <https://ctan.org/pkg/glossaries-polish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-polish>
  - *The glossaries-portuges package. Portuges language module for glossaries package*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. Portuges language module for package.  
 URL: <https://ctan.org/pkg/glossaries-portuges>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>
  - *The glossaries-serbian package. Serbian language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Serbian language module for package.  
 URL: <https://ctan.org/pkg/glossaries-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-serbian>
  - *The glossaries-spanish package. Spanish language module for glossaries package*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. Spanish language module for package.  
 URL: <https://ctan.org/pkg/glossaries-spanish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>
  - *The glossary package. Create a glossary*. 2016-06-24. Version 2.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/glossary>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package. A Java interface to Ghostscript to convert PDF to PDF/X*. 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript's setting, which is analogous to Acrobat Distiller's "Prepress Optimized" setting.  
 URL: <https://ctan.org/pkg/jmakepdfx>  
 MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
  - *The jmlr package. Class files for the Journal of Machine Learning Research*. 2022-02-09. Version 1.30. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/jmlr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
- Talbot, Nicola. *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 `\firstuc` which applies to each word in the `\text`, 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. 2023-06-28. Version 1.09. LICENSE: lppl

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

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

- *The pressrelease package*. A class for typesetting press releases. 2016-06-24. Version 1.0. LICENSE: lppl1.3

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

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

- *The probsoln package*. Generate problem sheets and their solution sheets. 2017-07-10. Version 3.05. LICENSE: lppl

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

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

- *The quotmark package*. Consistent quote marks. 2016-06-24. Version 1.0. LICENSE: lppl

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

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

- *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  $\TeX$  and  $\LaTeX$  documents. 2018-08-28. Version 1.0. LICENSE: lppl1.3

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

MIRROR: <https://mirror.ctan.org/macros/generic/tex-locale>

- *The texosquery package*. Cross-platform Java application to query OS information. 2020-02-04. Version 1.7. LICENSE: lppl1.3

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

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

- *The tracklang package*. Language and dialect tracker. 2022-12-13. Version 1.6.1. LICENSE: lppl1.3

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

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

- *The venndiagram package*. Creating Venn diagrams with  $\text{TikZ}$ . 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  $\LaTeX$  `for-loop` macro. 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the  $\LaTeX$  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  $\LaTeX$  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  $\LaTeX$ 2 $\epsilon$  developers to write the code and documentation in separate files, and then combine them into a single file for distribution. It automatically generates the character table, and also writes the associated installation `(.)` script.

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

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

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URL: <https://ctan.org/pkg/ec-plain>  
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- *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  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smallcap>
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 URL: <https://ctan.org/pkg/cropmrks>  
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  - *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.  
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 URL: <https://ctan.org/pkg/settosize>  
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 URL: <https://ctan.org/pkg/trigonometry>  
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 URL: <https://ctan.org/pkg/apprendre-a-programmer-en-tex>  
 MIRROR: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>
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 URL: <https://ctan.org/pkg/autoalign>  
 MIRROR: <https://mirror.ctan.org/macros/generic/autoalign>
  - *The chemfig package. Draw molecules with easy syntax*. 2023-06-30. Version 1.6e. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/chemfig>  
 MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
  - *The dijkstra package. Dijkstra algorithm for L<sup>A</sup>T<sub>E</sub>X*. 2022-10-01. Version 0.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/dijkstra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>
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 URL: <https://ctan.org/pkg/scratch3>  
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 URL: <https://ctan.org/pkg/simplekv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/simplekv>
  - *The spreadtab package. Spreadsheet features for  $\text{\LaTeX}$  tabular environments*. 2023-03-23. Version 0.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/spreadtab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spreadtab>
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 MIRROR: <https://mirror.ctan.org/macros/generic/systeme>
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 URL: <https://ctan.org/pkg/tabularcalc>  
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 URL: <https://ctan.org/pkg/acanthis>  
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 MIRROR: <https://mirror.ctan.org/fonts/alegreya>
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 URL: <https://ctan.org/pkg/almendra>  
 MIRROR: <https://mirror.ctan.org/fonts/almendra>
  - *The andika package. andika fonts with support for all  $\text{\LaTeX}$  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  $\text{\LaTeX}$  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>
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 URL: <https://ctan.org/pkg/biolinum-type1>  
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 URL: <https://ctan.org/pkg/caladea>  
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 URL: <https://ctan.org/pkg/carlito>  
 MIRROR: <https://mirror.ctan.org/fonts/carlito>
  - *The CharisSIL package. CharisSIL fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines*. 2022-11-12. Version 6.101. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/charissil>  
 MIRROR: <https://mirror.ctan.org/fonts/charissil>
  - *The cinzel package. L<sup>A</sup>T<sub>E</sub>X support for Cinzel and Cinzel Decorative fonts*. 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama ), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package's L<sup>A</sup>T<sub>E</sub>X support.  
 URL: <https://ctan.org/pkg/cinzel>  
 MIRROR: <https://mirror.ctan.org/fonts/cinzel>
  - *The classico package. URW Classico fonts*. 2022-09-30. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/classico>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
  - *The clearsans package. Clear Sans fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-15. LICENSE: apache2,lppl  
 URL: <https://ctan.org/pkg/clearsans>  
 MIRROR: <https://mirror.ctan.org/fonts/clearsans>
  - *The coelacanth package. Coelacanth fonts with L<sup>A</sup>T<sub>E</sub>X support*. 2022-09-30. Version 0.005. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/coelacanth>  
 MIRROR: <https://mirror.ctan.org/fonts/coelacanth>
  - *The cooperhewitt package. LaTeX, pdfLaTeX, Xe<sup>L</sup>A<sub>T</sub>E<sub>X</sub> and Lua<sup>L</sup>A<sub>T</sub>E<sub>X</sub> support for the Cooper Hewitt family of sans serif fonts*. 2022-11-03. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/cooperhewitt>  
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 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>
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 URL: <https://ctan.org/pkg/ebaramond>  
 MIRROR: <https://mirror.ctan.org/fonts/ebaramond>
  - *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  
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 URL: <https://ctan.org/pkg/amsopn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/amsmath>
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 URL: <https://ctan.org/pkg/amstext>  
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 URL: <https://ctan.org/pkg/classes>  
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 URL: <https://ctan.org/pkg/clsguide>  
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 URL: <https://ctan.org/pkg/cmextra-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base/cmextra.ins>
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 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/ctablstack>
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 URL: <https://ctan.org/pkg/latex-base-dev>  
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releases) the documentation mostly covers changes and details of adaptations; there are no complete tutorials, such as you might find in the [or the](#) .

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

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

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Version 1.0z. LICENSE: lppl1.3c

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

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

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

MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/firstaid>

- *The latex-graphics package. The L<sup>A</sup>T<sub>E</sub>X standard graphics bundle.* 2022-11-01. LICENSE: lppl1.3c

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

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

- *The latex-graphics-dev package. Development pre-release of the L<sup>A</sup>T<sub>E</sub>X graphics bundle.* 2023-06-11. Version 2023-11-01 pre-release 0. LICENSE: lpp1.3c. This is a pre-release version of the standard . It accompanies the pre-testing kernel code (), and is intended for testing by knowledgeable users.

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

MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/graphics>

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

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

MIRROR: <https://mirror.ctan.org/macros/latex-dev/required/latex-lab>

- [illegible]

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

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

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

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

- *The latexbug package. Bug-classification for L<sup>A</sup>T<sub>E</sub>X related bugs.* 2022-06-14. Version 1.0n. LICENSE: lppl1.3c

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

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

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

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

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URL: <https://ctan.org/pkg/pdfmanagement-testphase>

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

- The L<sup>A</sup>T<sub>E</sub>X Project Team. *The proc package. Class for producing “proceedings”*. 2023-06-09. Version 1.3m. LICENSE: lppl1.3c. The class provides basic facilities for typesetting the proceedings of an event; it is an extension of the standard .  
 URL: <https://ctan.org/pkg/proc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
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 URL: <https://ctan.org/pkg/report>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
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 URL: <https://ctan.org/pkg/shortvrb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
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 URL: <https://ctan.org/pkg/source2e>
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 URL: <https://ctan.org/pkg/t1enc>
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 URL: <https://ctan.org/pkg/xtemplate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/l3packages>
- The L<sup>A</sup>T<sub>E</sub>X Project Team and David Carlisle. *The autopict package. The L<sup>A</sup>T<sub>E</sub>X picture mode, for use with Plain T<sub>E</sub>X*. 2021-11-15. Version 1.1k. LICENSE: lppl. The installer for this package is distributed with the bundle; the source for the installer is part of the .  
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- *The unfonts-extra package. TrueType version of Un-fonts*. 2020-09-03. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/unfonts-extra>  
 MIRROR: <https://mirror.ctan.org/fonts/unfonts-extra>
- *The xytree package. Tree macros using XY-Pic*. 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xytree>  
 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>

- Unknown. *The Aalok package*. L<sup>A</sup>T<sub>E</sub>X class file for the Marathi journal ‘Aalok’. 2022-01-21. Version 0.6. LICENSE: gpl3+,other-free,fdl  
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>
  - *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 PicTeX. 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-rainbow package*. A beamer colour theme which alternates theme colours on every frame. 2023-07-18. Version 0.1. LICENSE: lppl1.3c

- URL: <https://ctan.org/pkg/beamertheme-rainbow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-rainbow>
- Unknown. *The beamertheme-tcolorbox package. A beamer inner theme which reproduces standard beamer blocks using tcolorboxes.* 2023-05-03. Version 0.6. LICENSE: lpl1.3c. 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  
URL: <https://ctan.org/pkg/blackletter>  
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 cdcmd package. Expandable conditional commands for L<sup>A</sup>T<sub>E</sub>X.* 2021-10-15. Version 1.0. LICENSE: lpl1.3c. This package provides some conditional commands, just like the package. The difference is that can define conditional commands.  
URL: <https://ctan.org/pkg/cdcmd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdcmd>
  - *The chhaya package. Linguistic glossing in Marathi language.* 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
URL: <https://ctan.org/pkg/chhaya>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>
  - *The ChineseJFM package. Luatexja-jfm files for Chinese typesetting.* 2021-02-15. Version 1.1.1. LICENSE: mit. ChineseJFM is a series of luatexja-jfm files for better Chinese typesetting, providing , , and three styles and other fancy features. It can be used for both horizontal and vertical writing mode in Simplified/Traditional Chinese or Japanese fonts.  
URL: <https://ctan.org/pkg/chinese-jfm>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chinese-jfm>
  - *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>



- Unknown. *The defstring package. Define macros as verbatim macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/defstring>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>
- *The devanagari-omega package. Typeset Devanagari with Omega.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/devanagari-omega>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/omega>
  - *The dmhgener package. Equation, figure (etc.) numbering and referencing.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dmhgener>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/dmhgener.tex>
  - *The doublecol package. Double-column page macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. These macros are derived from Knuth’s macros (separately), by an unknown hand.  
 URL: <https://ctan.org/pkg/doublecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/doublecol.tex>
  - *The doulossil package. A font for typesetting the International Phonetic Alphabet (IPA).* 2022-05-06. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/doulossil>  
 MIRROR: <https://mirror.ctan.org/fonts/doulossil>
  - *The dow package. Calculate day of week from a numeric date.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dow>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/dow.tex>
  - *The dviconcat package. Concatenates DVI files.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dviconcat>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibook/Dviconcat>
  - *The dvips-shell package. A dvips Shell for MS-Windows32.* 2016-06-24. LICENSE: nosource. The shell apparently helps you remember what you have forgotten about features.  
 URL: <https://ctan.org/pkg/dvips-shell>  
 MIRROR: <https://mirror.ctan.org/systems/win32/util/dvpsh103.exe>
  - *The eczar package. A font family supporting Devanagari and Latin script.* 2021-04-28. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/eczar>  
 MIRROR: <https://mirror.ctan.org/fonts/eczar>
  - *The EkType-Tanka package. Devanagari fonts by EkType.* 2022-05-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ektype-tanka>  
 MIRROR: <https://mirror.ctan.org/fonts/ektype-tanka>
  - *The endnote package. Generic “endnotes” code.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/endnote>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/endnote.tex>
  - *The espo package. Customisation for Esperanto.* 2016-06-24. LICENSE: noinfo. The package provides a modest set of macros for use in Esperanto documents. The package provides a wider set of macros.  
 URL: <https://ctan.org/pkg/espo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/espo.sty>
  - *The fakebold package. A simple macro for faking bold fonts.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fakebold>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/fakebold.tex>
  - *The fnote package. Auto-numbered footnotes in Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/fnote>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fnote.tex>
  - *The frenchquote package. Make something like guillemets.* 2016-06-24. LICENSE: noinfo. The package defines and which construct objects vaguely like the french quote marks “guillemets”, from small versions of the maths symbols and .  
 URL: <https://ctan.org/pkg/frenchquote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/frenchquote.sty>
  - *The germdoc package. A collection of documentation available in German.* 2019-06-21. LICENSE: collection  
 URL: <https://ctan.org/pkg/germdoc>
  - *The gfdl package. Support for using GFDL in L<sup>A</sup>T<sub>E</sub>X.* 2023-01-07. Version 0.1. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/gfdl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gfdl>

- Unknown. *The hackalloc package. Make allocations local.* 2016-06-24. LICENSE: noinfo. The package makes allocation (, , etc.) local.  
 URL: <https://ctan.org/pkg/hackalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/hackalloc.sty>
- *The hep-gen package. Generic macros for quantum physics.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hep-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/hep.tex>
  - *The hereapplies package. A L<sup>A</sup>T<sub>E</sub>X package for referencing groups of pages that share something in common.* 2022-12-11. Version 1.0.1. LICENSE: gpl3+. is a L<sup>A</sup>T<sub>E</sub>X package that allows to collect groups of labels and reference them altogether. It can be used for creating informal glossaries that cross-link concepts to their applications, or simply mentioning multiple pages that share something in common.  
 URL: <https://ctan.org/pkg/hereapplies>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hereapplies>
  - *The hge package. An “Old English” font.* 2022-04-06. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hge>  
 MIRROR: <https://mirror.ctan.org/fonts/hge>
  - *The histyle package. A “HighStyle” environment for T<sub>E</sub>X.* 2016-06-24. Version 1.2. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/histyle>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/histyle>
  - *The hp2xx package. HP GL converter.* 2017-04-18. Version 3.4.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/hp2xx>  
 MIRROR: <https://mirror.ctan.org/support/hp2xx>
  - *The hwemoji package. Unicode emoji support for pdfL<sup>A</sup>T<sub>E</sub>X with sequences.* 2022-11-16. Version 1.0. LICENSE: lppl1.3c,cc-by-4  
 URL: <https://ctan.org/pkg/hwemoji>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hwemoji>
  - *The indent package. Environments that change margins.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/indent>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/indent.sty>
  - *The invertedparagraphs package. Indented text with negative paragraph indentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/invertedparagraphs>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/invertedparagraphs.tex>
  - *The isolatin1 package. An obsolete means to use ISO 8859-1 with T<sub>E</sub>X.* 2016-06-24. Version 0.9. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/isolatin1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/isolatin1.sty>
  - *The ist21 package. Title page for the old BSI IST/21 committee.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ist21>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ist21.sty>
  - *The japanese-mathformulas package. Compiling basic math formulas in Japanese using LuaL<sup>A</sup>T<sub>E</sub>X.* 2022-10-10. Version 1.0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/japanese-mathformulas>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/japanese-mathformulas>
  - *The JavaBib package. A BibT<sub>E</sub>X 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/utis/JavaBib>
  - *The jigsaw package. Draw jigsaw pieces with TikZ.* 2023-02-21. Version 0.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/jigsaw>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/jigsaw>
  - *The karta package. Cartographic signs.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/karta>  
 MIRROR: <https://mirror.ctan.org/fonts/karta>
  - *The label-pln package. Print address labels in three columns.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/label-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/label.tex>
  - *The laps package. Zero-width boxes for annotations, etc.* 2020-04-11. LICENSE: noinfo. Provides macros extends the / set in Plain T<sub>E</sub>X:  
 URL: <https://ctan.org/pkg/laps>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/laps.tex>

- Unknown. *The letter-plain package. Letter macros for Plain T<sub>E</sub>X*. 2021-03-09. LICENSE: noinfo. These macros would seem to be used by Knuth himself (a with a slightly different default address may be found in the CTAN copy of of macros).  
URL: <https://ctan.org/pkg/letter-plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/letter.tex>
- *The letter1 package. Letter formatting macros*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/letter1>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/letter1>
  - *The llncs209 package. Macros for Springer books*. 2016-06-24. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/llncs209>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/springer/llncs>
  - *The longtocline package. Macros to produce a table of contents*. 2016-06-24. LICENSE: noinfo. Defines a macro (3 arguments) that produces a table of contents line rather similar to that provided as standard in L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/longtocline>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/longtocline.tex>
  - *The ltxmisc package. Miscellaneous L<sup>A</sup>T<sub>E</sub>X packages, etc*. 2016-06-18. LICENSE: collection  
URL: <https://ctan.org/pkg/ltxmisc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc>
  - *The mandel package. Compute the Mandelbrot set*. 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mandel>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/mandel.tex>
  - *The maple package. Styles and examples for the MAPLE newsletter*. 2016-06-18. Version 1.8. LICENSE: noinfo  
URL: <https://ctan.org/pkg/maple>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maple>
  - *The marathi package. Typeset Marathi language using X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X*. 2022-01-21. Version 1.7. LICENSE: gpl3+,other-free,fdl  
URL: <https://ctan.org/pkg/marathi>  
MIRROR: <https://mirror.ctan.org/language/marathi>
  - *The mathtime-metrics package. MathTime AFM files*. 2016-06-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mathtime-metrics>  
MIRROR: <https://mirror.ctan.org/fonts/mathtime>
  - *The maybeload package. Prevent reloading of files*. 2016-06-24. LICENSE: noinfo. Defines a command , which will become if it's called for a second or subsequent time with a particular file name.  
URL: <https://ctan.org/pkg/maybeload>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>
  - *The memo-pln package. Plain T<sub>E</sub>X macros for memoranda*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/memo-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/memo.tex>
  - *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*. 2023-04-02. Version 0.5. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/muling>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/muling>
  - *The namunsrt package. An unsorted BibT<sub>E</sub>X 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>

- Unknown. *The NTS-L package. NTS mailing list digests.* 2016-06-24. LICENSE: digest. This bundle holds postings from the mailing list , from 1992-05 to 1995-01.  
URL: <https://ctan.org/pkg/nts-l>  
MIRROR: <https://mirror.ctan.org/info/digests/nts-l>
- *The obsolete package. A tree holding obsolete software.* 2016-06-24. LICENSE: collection  
URL: <https://ctan.org/pkg/obsolete>  
MIRROR: <https://mirror.ctan.org/obsolete>
  - *The ovalfbox package. Boxes with frames whose corners are rounded.* 2016-06-24. LICENSE: noinfo. The package defines a command which seems more stable to the similar command in the package ; however, this package retains the problems with the positioning of multiline text in boxes.  
URL: <https://ctan.org/pkg/ovalfbox>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ovalfbox.sty>
  - *The paragraphs package. Paragraph "tricks" macros.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/paragraphs>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/paragraphs.tex>
  - *The pdfmsym package. PDF Math Symbols — various drawn mathematical symbols.* 2023-03-16. Version 1.1.1. LICENSE: mit  
URL: <https://ctan.org/pkg/pdfmsym>  
MIRROR: <https://mirror.ctan.org/macros/generic/pdfmsym>
  - *The plainmisc package. Miscellaneous contributed macros for plain T<sub>E</sub>X.* 2016-06-18. LICENSE: collection  
URL: <https://ctan.org/pkg/plainmisc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc>
  - *The plcalendar package. Plain macros for making nice calendars.* 2016-06-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/plcalendar>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/calendar>
  - *The plfonts package. Polish extension to Computer Modern fonts.* 2016-06-24. LICENSE: pd. Polish extension of Computer Modern fonts. These fonts are compatible with CM fonts; only Polish characters (as in EC/Cork encoding) and quotes are added. The fonts are distributed as or in .  
URL: <https://ctan.org/pkg/plfonts>
  - *The printbib package. Print the contents of a bibliography.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/printbib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utlis/printbib>
  - *The psfonts package. PostScript fonts for use with T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: collection  
URL: <https://ctan.org/pkg/psfonts>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts>
  - *The psnfssx-8r package. Raw Type 1 fonts with L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/psnfssx-8r>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/8r/8r.sty>
  - *The qms package. VMS tools for controlling QMS printers.* 2016-06-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/qms>  
MIRROR: <https://mirror.ctan.org/dviware/qms>
  - *The quiver package. Draw commutative diagrams exported from https://q.uiver.app.* 2023-08-01. Version 1.3.0. LICENSE: mit  
URL: <https://ctan.org/pkg/quiver>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/quiver>
  - *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>

- Unknown. *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>
  - *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.* 2023-04-02. Version 0.5.1. 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>



- Unknown. *The TikZducks package. A little fun package for using rubber ducks in TikZ.* 2023-04-05. Version 1.6. 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.* 2023-02-13. Version 0.7a. 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>
  - *The unisc package. Unicode small caps with Lua/XeLaTeX.* 2022-04-29. Version 0.2. LICENSE: gpl3+,fdl. L<sup>A</sup>T<sub>E</sub>X produces small caps with or . Neither of these commands produce small caps in Unicode. If the output text is copied and pasted somewhere it shows the same characters as used in the input. This package aims to internally convert all the characters provided to the commands mentioned above. It assumes that the file using this package is compiled with Lua/XeLa<sup>A</sup>T<sub>E</sub>X and a good Unicode font which has the small caps characters, e.g., .  
 URL: <https://ctan.org/pkg/unisc>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unisc>
  - *The unitipa package. TIPA typefaces with Unicode characters as input.* 2021-10-22. Version 0.4. LICENSE: gpl3+,fdl. A(n obsolete) package which used to provide a LuaLaTeX based code for converting Unicode IPA input to T3 encoded TIPA typefaces, but it is recommended to use with Xe/LuaL<sup>A</sup>T<sub>E</sub>X instead for a better output.  
 URL: <https://ctan.org/pkg/unitipa>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/latex/unitipa>
  - *The util-half package. A half-tone font.* 2016-07-19. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/util-half>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>

- Unknown. *The verbatim-pln package. Define new verbatim "environments" in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/verbatim-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>
- *The web9pt package. Nine-point web listings.* 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.  
 URL: <https://ctan.org/pkg/web9pt>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>
  - *The webmacss package. Use sans serif font in Web listings.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/webmacss>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>
  - *The winemtex package. 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 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.* 2023-03-24. Version 6.1.4.2. 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>
- Unknown and Changcheng Student Network. *The BUCTthesis package. Beijing University of Chemical Technology Thesis Template.* 2023-08-04. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/buctthesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>
- 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>
- *The tengwar package. Font to set Tolkien's Tengwar script.* 2019-06-21. LICENSE: nosell. Font for typesetting Tolkien Tengwar script, written in Metafont. The macros support the use of this font.  
 URL: <https://ctan.org/pkg/tengwar>  
 MIRROR: <https://mirror.ctan.org/fonts/tengwar>
- URW GmbH. *The urw package. URW free font support.* 2016-06-24. LICENSE: collection. Fonts, font metrics, and macro support in L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>, 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*. 2023-04-18. Version 0.2.0. LICENSE: lppl1.3c. Pretty-print token lists to HTML file for debugging purposes. Open the file in any browser to view the result. Can be used to replace .  
 URL: <https://ctan.org/pkg/prettytok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prettytok>
  - *The pythonimmediate package. Library to run Python code*. 2023-03-07. Version 0.4.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pythonimmediate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pythonimmediate>
  - *The rescansync package. Re-scan tokens with 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*. 2022-12-23. Version 0.0.1. LICENSE: lppl1.3c. This package provides tools to create your own verbatim environments, and works for all values of .  
 URL: <https://ctan.org/pkg/saveenv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/saveenv>
  - *The unicode-math-input package. Allow entering Unicode symbols in math formulas*. 2023-05-19. Version 0.0.0. LICENSE: lppl1.3c. This package allows entering Unicode symbols in math formulas. Unlike the package, this does not change the math output encoding.  
 URL: <https://ctan.org/pkg/unicode-math-input>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unicode-math-input>
- 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 side in the sizes C5, C65, E5 and E65 (although, because the address window is smaller, for sizes E5 and E65 the address may not fit within the window, but ordinary 3-line address should fit).  
 URL: <https://ctan.org/pkg/koma-script-sfs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script-SFS>

- Vajakas, Jaan and Enn Saar. *The babel-estonian package. Babel support for Estonian*. 2016-06-24. Version 1.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Estonian in . Some shortcuts are defined, as well as translations to Estonian of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-estonian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/estonian>
- Valbusa, Ivan. *The beamer-verona package. A theme for the beamer class*. 2016-06-24. Version 0.2. LICENSE: lppl1.3. This package provides the ‘Verona’ theme for the class by Till Tantau.  
 URL: <https://ctan.org/pkg/beamer-verona>  
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- Volovich, Vladimir, Werner Lemberg, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The cyrguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X Cyrillic-alphabet features*. 2019-10-04. LICENSE: lpl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
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 URL: <https://ctan.org/pkg/rtklage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
- Voß, Herbert. *The auto-pst-pdf-lua package. Using LuaL<sup>A</sup>T<sub>E</sub>X together with PostScript code*. 2023-03-21. Version 0.03a. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/auto-pst-pdf-lua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf-lua>
- *The beamer-fuberlin package. Beamer, using the style of FU Berlin*. 2022-04-28. Version 0.02b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/beamer-fuberlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-FUBerlin>
  - *The biblatex-bwl package. BibL<sup>A</sup>T<sub>E</sub>X citations for FU Berlin*. 2016-06-24. Version 0.02. LICENSE: lpl1.3. The bundle provides a set of implementations of bibliography and citation styles for the Business Administration Department of the Free University of Berlin.  
 URL: <https://ctan.org/pkg/biblatex-bwl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-bwl>
  - *The biblatex-readbbl package. Read a .bbl file created by biber*. 2022-01-25. Version 0.01. LICENSE: lpl  
 URL: <https://ctan.org/pkg/biblatex-readbbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-readbbl>
  - *The biblatex-spbasic package. A BibL<sup>A</sup>T<sub>E</sub>X style emulating Springer's old spbasic.bst*. 2021-12-29. Version 0.04. LICENSE: lpl. This package provides a bibliography and citation style for / for typesetting articles for Springer's journals. It is the same as the old BibTeX style .  
 URL: <https://ctan.org/pkg/biblatex-spbasic>  
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 URL: <https://ctan.org/pkg/ctan-bibdata>  
 MIRROR: <https://mirror.ctan.org/biblio/ctan-bibdata>
  - *The dejavu-otf package. Support for the ttf and otf DejaVu fonts*. 2019-06-09. Version 0.04. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/dejavu-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/dejavu-otf>
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 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: lppl1.3c  
 URL: <https://ctan.org/pkg/fbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fbox>
- Voß, Herbert. *The firamath-otf package. Use OpenType math font Fira Math.* 2023-01-16. Version 0.03a. LICENSE: lppl1.3. The package offers XeTeX/LuaTeX support for the .  
 URL: <https://ctan.org/pkg/firamath-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/firamath-otf>
- *The heros-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Heros>.* 2022-10-14. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/heros-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/heros-otf>
- *The hvarabic package. Macros for RTL typesetting.* 2021-06-01. Version 0.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hvarabic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvarabic>
- *The hvextern package. Write and execute external code, and insert the output.* 2023-08-29. Version 0.37. 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.* 2023-05-17. Version 2.46. LICENSE: lppl. This package defines a macro to place objects (tables and figures) and their captions in different positions with different rotating angles within a float. All objects and captions can be framed. The main command is `hvf`; a simple example is `hvf`. Options are provided to place captions to the right or left, and rotated. Setting `nonFloat=true` results in placing the float here.  
 URL: <https://ctan.org/pkg/hvfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvfloat>
- *The hvindex package. Support for indexing.* 2022-01-25. Version 0.04. LICENSE: lppl. The package simplifies the indexing of words using the command `hvindex`. With the package, to index a word in a text, you only have to type it once; the package makes sure it is both typeset and indexed.  
 URL: <https://ctan.org/pkg/hvindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvindex>
- *The hvlogos package. Print T<sub>E</sub>X-related names as logo.* 2022-05-08. Version 0.09. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hvlogos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvlogos>
- *The hvpygmentex package. Syntax-Highlighting of program code.* 2022-03-08. Version 0.01. LICENSE: lppl1.3c. The package is based on `pygment` but provides an automatic run from within the document itself, with the option `hvpygmentex`. It does not need the additional action by the user to run the external program to create the code snippets.  
 URL: <https://ctan.org/pkg/hvpygmentex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvpygmentex>
- *The hvqrurl package. Insert a QR code in the margin.* 2021-05-18. Version 0.02. LICENSE: lppl1.3. This package allows to draw an URL as a QR code into the margin of a one- or twosided document. The following packages are loaded by default: `qr`, `url`, and `url`.  
 URL: <https://ctan.org/pkg/hvqrurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvqrurl>
- *The isopt package. Writing a T<sub>E</sub>X length with a space between number and unit.* 2018-01-07. Version 0.01. LICENSE: lppl. Writing a T<sub>E</sub>X length with `\the` writes the value and the unit without a space. Package `isopt` provides a macro which inserts a user defined space between number and unit.  
 URL: <https://ctan.org/pkg/isopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isopt>
- *The latex-bib-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib>
- *The latex-bib2-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X.* 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib2-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib2>
- *The LaTeX-Referenz package. Examples from the book "L<sup>A</sup>T<sub>E</sub>X Referenz".* 2020-06-07. Version 2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-referenz>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>
- *The latex-tabellen package. L<sup>A</sup>T<sub>E</sub>X Tabellen.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-tabellen>  
 MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>



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 URL: <https://ctan.org/pkg/libertinus>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus>
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 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*. 2023-06-24. Version 0.13. 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”*. 2023-08-26. 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)*. 2023-06-16. Version 0.09. 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  $\LaTeX$* . 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  $\LaTeX$ ”*. 2023-08-03. Version 3. 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  $\TeX$  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  $\LaTeX$* . 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  $\LaTeX$* . 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  $\TeX$ /LaTeX, without the need for external tools.  
 URL: <https://ctan.org/pkg/pst-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>
  - *The pst-abspos package. Put objects at an absolute position*. 2016-06-24. Version 0.2. LICENSE: lppl. The (PSTricks-related) package provides a command to put an object at an arbitrary absolute (or even a relative) position on the page.  
 URL: <https://ctan.org/pkg/pst-abspos>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>
  - *The pst-arrow package. Special arrows for PSTricks*. 2021-11-16. Version 0.05. LICENSE: lppl. This package has all the code from the package which was related to arrows, like multiple arrows and so on.  
 URL: <https://ctan.org/pkg/pst-arrow>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>

- Voß, Herbert. *The pst-calculate package. Support for floating point operations at L<sup>A</sup>T<sub>E</sub>X level*. 2019-06-09. Version 0.02. LICENSE: lppl3  
 URL: <https://ctan.org/pkg/pst-calculate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>
- *The pst-dart package. Plotting dart boards*. 2021-09-11. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-dart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>
  - *The pst-exa package. Typeset PSTricks examples, with code*. 2017-09-12. Version 0.06. LICENSE: lppl. The (-related) package provides an environment PSTexample to put code and output side by side or one above the other.  
 URL: <https://ctan.org/pkg/pst-exa>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>
  - *The pst-feyn package. Draw graphical elements for Feynman diagrams*. 2018-09-29. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-feyn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>
  - *The pst-fp package. Fixed-point arithmetic in PSTricks*. 2016-06-24. Version 0.05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fp>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>
  - *The pst-fractal package. Draw fractal sets using PSTricks*. 2022-10-13. Version 0.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fractal>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>
  - *The pst-func package. PSTricks package for plotting mathematical functions*. 2023-04-14. Version 1.02. 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*. 2023-04-02. Version 0.03. 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*. 2023-02-13. Version 0.03b. 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)

- Voß, Herbert. *The pstricks-examples-7 package. PSTricks examples files of the 7th edition of the book PSTricks*. 2016-06-24. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-7>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)
- *The pstricks-examples-en package. Examples from PSTricks book (English edition)*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)
  - *The schola-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre schola*. 2022-11-02. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schola-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/schola-otf>
  - *The spark-otf package. Support OpenType Spark fonts*. 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/spark-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/spark-otf>
  - *The tabulars-e package. Examples from the book "Typesetting tables with L<sup>A</sup>T<sub>E</sub>X"*. 2020-06-07. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tabulars-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/tabulars-e>
  - *The termes-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Termes*. 2022-10-17. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/termes-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/termes-otf>
  - *The unitconv package. Convert a length into one with another unit*. 2020-05-13. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/unitconv>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/unitconv>
  - *The voss-mathcol package. Typesetting mathematics in colour, in (La)T<sub>E</sub>X*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathcol>  
 MIRROR: <https://mirror.ctan.org/info/math/voss/mathCol>
  - *The voss-mathmode package. A comprehensive review of mathematics in (La)T<sub>E</sub>X*. 2018-01-06. Version 2.47. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathmode>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>
  - *The xfakebold package. Fake a regular font for bold characters*. 2020-06-24. Version 0.08. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfakebold>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfakebold>
  - *The xhfill package. Extending \hrulefill*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides extended macros for the default command. It allows modification of the width and the colour of the line.  
 URL: <https://ctan.org/pkg/xhfill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xhfill>
  - *The xindex package. Unicode-compatible index generation*. 2023-07-30. Version 0.55. 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*. 2023-04-30. Version 3.19. 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>
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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*. 2023-07-31. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/usergrps/dante/dtk>
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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>  
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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>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
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- allowing for binding corrections and adding page bleed, if required.  
 URL: <https://ctan.org/pkg/flexipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flexipage>
- *The sidenotesplus package. Place referenced notes, alerts, figures and tables into the document margin.* 2022-07-09. Version 1.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sidenotesplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
  - Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns.* 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.  
 URL: <https://ctan.org/pkg/slhyph>  
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 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>  
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 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>
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 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
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 URL: <https://ctan.org/pkg/biblatex-license>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
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 URL: <https://ctan.org/pkg/catdoc>  
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  - 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>
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 URL: <https://ctan.org/pkg/drawing>  
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- *The fillform package*. Typeset answers to overprint on printed forms. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/fillform>  
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  - *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>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
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MIRROR: <https://mirror.ctan.org/macros/generic/encxvlna>
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MIRROR: <https://mirror.ctan.org/language/devanagari/velthuis>
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MIRROR: <https://mirror.ctan.org/fonts/oca>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
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URL: <https://ctan.org/pkg/scorecard>  
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URL: <https://ctan.org/pkg/comp-fonts-faq>  
MIRROR: <https://mirror.ctan.org/help/comp-fonts-FAQ>

- *The HPTfm2pl package. Create T<sub>E</sub>X PL files from HP AutoFont Support.* 2018-01-06. Version 1.0b beta. LICENSE: pd  
 URL: <https://ctan.org/pkg/hp2pl>  
 MIRROR: <https://mirror.ctan.org/support/hp2pl>
- *The ljmetrics package. Metrics for Laserjet built-in fonts.* 2016-06-24. Version 0.9. LICENSE: noinfo. The distribution offers TFM (and PL) files derived from Hewlett-Packard's LaserJet IV Developers kit. No outlines are provided; the metrics are only usable with drivers adapted for output to the relevant printers (e.g., ).  
 URL: <https://ctan.org/pkg/ljmetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/ljmetrics>
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 URL: <https://ctan.org/pkg/macfont>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/macfont>
- *The mhack package. Macros for marginal notes, in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mhack>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/mhack.tex>
- *The pkbbox package. Derive glyph bounding boxes by building PK file.* 2016-06-24. LICENSE: noinfo. The author found that AFM files generated by lacked glyph bounding box information, so that they are not much use for generating TFM files. This package proceeds by generating a PK file from the Type 1 font by use of , and then using information from that to generate a more nearly valid AFM file from the original.  
 URL: <https://ctan.org/pkg/pkbbox>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/pkbbox>
- *The tex-it package. Controller for T<sub>E</sub>X processing.* 2019-02-03. LICENSE: gpl. is a perl script for running T<sub>E</sub>X. It examines the log file of the T<sub>E</sub>X run and determines whether T<sub>E</sub>X needs to be run again; it runs BibT<sub>E</sub>X if necessary, and can be told to run Makeindex. Its "end-document" action may be selected from a menu, and includes a "tidy up" to delete all those scribble files.  
 URL: <https://ctan.org/pkg/tex-it>  
 MIRROR: <https://mirror.ctan.org/support/tex-it>
- Walsh, Norman and George Greenwade. *The htm1help 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/beamerthemenord>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemenord>
- Wang, Qifan. *The mlawriter package. Write MLA style documents in Plain T<sub>E</sub>X.* 2023-07-05. Version 1.1.0. LICENSE: cc0  
 URL: <https://ctan.org/pkg/mlawriter>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/mlawriter>
- 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.* 2023-07-01. Version 2023.7.1. 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  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bagua>
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 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/btool>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utls/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>
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 LICENSE: gpl  
 URL: <https://ctan.org/pkg/jurarsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jurarsp>
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 URL: <https://ctan.org/pkg/otftofd>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otftofd>
- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaTeX*. 2023-03-12. Version 1.7b. LICENSE: lppl1.3  
 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*. 2023-07-12.  
 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.

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 MIRROR: <https://mirror.ctan.org/fonts/archaic/aramaic>

- *The auncial package*. Artificial Uncial manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/auncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/auncial>
- *The auncial-new package*. Artificial Uncial font and L<sup>A</sup>T<sub>E</sub>X support macros. 2022-04-06. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/auncial-new>  
MIRROR: <https://mirror.ctan.org/fonts/auncial-new>
- *The b1encoding package*. L<sup>A</sup>T<sub>E</sub>X encoding tools for Bookhands fonts. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package characterises and defines the author's B1 encoding for use with L<sup>A</sup>T<sub>E</sub>X when typesetting things using his fonts.  
URL: <https://ctan.org/pkg/b1encoding>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/b1encoding>
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URL: <https://ctan.org/pkg/bookdb>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bookdb>
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URL: <https://ctan.org/pkg/bookhands>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands>
- *The carolmin package*. Carolingian Miniscule manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/carolmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/carolmin>
- *The chbibref package*. Change the Bibliography/References title. 2016-06-24. Version 1.0. LICENSE: lppl. Defines a single command, `\chbibref`, which sets whichever of `\and` and `\is` is in use. (`\is` is used in `book.cls` and `report.cls`, and `\and` is used in `article.cls`.)  
URL: <https://ctan.org/pkg/chbibref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chbibref>
- *The cypriot package*. A script which was used on Cyprus for writing Greek. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/cypriot>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/cypriot>
- *The egothic package*. Early Gothic manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/egothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/egothic>
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URL: <https://ctan.org/pkg/etruscan>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/etruscan>
- *The expressg package*. Diagrams consisting of boxes, lines, and annotations. 2016-06-24. Version 1.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/expressg>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/expressg>
- *The flatten package*. Flatten `\input`, etc., in a L<sup>A</sup>T<sub>E</sub>X file. 2016-06-24. LICENSE: other-free. A program to flatten a L<sup>A</sup>T<sub>E</sub>X root file by copying and ed files into the root file.  
URL: <https://ctan.org/pkg/flatten>  
MIRROR: <https://mirror.ctan.org/support/flatten>
- *The greek4cbc package*. A Greek font from 394BC. 2016-06-24. Version 2.1. LICENSE: lppl. Provides a Greek monumental font as used on a stele in Athens in 394BC. The font consists of majuscules only and is in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/greek4cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek4cbc>
- *The greek6cbc package*. A Greek font from the sixth century BC. 2016-06-24. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/greek6cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek6cbc>
- *The hierog1f package*. The "poor man's" Egyptian Hieroglyphic font. 2016-06-24. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hierog1f>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/hierog1f>
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URL: <https://ctan.org/pkg/humanist>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/humanist>

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URL: <https://ctan.org/pkg/huncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/huncial>
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URL: <https://ctan.org/pkg/inslrmaj>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmaj>
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URL: <https://ctan.org/pkg/inslrmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmin>
- *The iso package*. Generic ISO standards typesetting macros. 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/iso>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
- *The iso10303 package*. Typesetting the STEP standards. 2016-06-24. Version 1.5. LICENSE: lppl. Class and package files building on for typesetting the ISO 10303 (STEP) standards. Standard documents prepared using these packages have been published by ISO.  
URL: <https://ctan.org/pkg/iso10303>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso10303>
- *The isorot package*. Rotation of document elements. 2016-06-24. LICENSE: lppl. The package is for rotation of document elements. It is a combination of the package and an extension of the package. The package is designed for use with the but may be used with any normal class.  
URL: <https://ctan.org/pkg/isorot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isorot>
- *The linearb package*. Linear B script used in the Bronze Age for Mycenaean Greek. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/linearb>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/linearb>
- *The ltx2x package*. Replace L<sup>A</sup>T<sub>E</sub>X commands in a document by user-defined strings. 2016-06-24. Version 0.92. LICENSE: lppl  
URL: <https://ctan.org/pkg/ltx2x>  
MIRROR: <https://mirror.ctan.org/support/ltx2x>
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URL: <https://ctan.org/pkg/metafp>  
MIRROR: <https://mirror.ctan.org/info/metafont/metafp>
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URL: <https://ctan.org/pkg/nabatean>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/nabatean>
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URL: <https://ctan.org/pkg/oands>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/oands>
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URL: <https://ctan.org/pkg/oldprsn>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/oldprsn>
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URL: <https://ctan.org/pkg/pacioli>  
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URL: <https://ctan.org/pkg/pgothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/pgothic>
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URL: <https://ctan.org/pkg/phoenician>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/phoenician>
- *The protosem package*. Fonts for proto-Semitic cuneiform script. 2016-06-24. Version 1.2. LICENSE: lppl. A font (in Type 1 format) and macros for proto-Semitic writing. This script was in use about 1600 BCE, and seems to be the oldest ancestor of most of the world's alphabets. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/protosem>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/protosem>
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URL: <https://ctan.org/pkg/rotunda>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/rotunda>



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URL: <https://ctan.org/pkg/runic>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/runic>
  - *The rustic package*. Roman Rustic manuscript book-hand font. 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/rustic>  
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MIRROR: <https://mirror.ctan.org/fonts/bookhands/sqrcaps>
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URL: <https://ctan.org/pkg/uncial>  
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URL: <https://ctan.org/pkg/webguide>  
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 URL: <https://ctan.org/pkg/bredzenie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bredzenie>
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 URL: <https://ctan.org/pkg/cmtt>  
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 URL: <https://ctan.org/pkg/dafter>  
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 URL: <https://ctan.org/pkg/mdwfonts>  
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 URL: <https://ctan.org/pkg/mdwlist>  
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 URL: <https://ctan.org/pkg/mdwmath>  
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URL: <https://ctan.org/pkg/bxdpx-beamer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/bxdpx-beamer>
- *The bxdvidriver package. Enables specifying a driver option effective only in DVI output.* 2022-07-31. Version 0.2a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxdvidriver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxdvidriver>
- *The bxepic package. Epic facilities using pict2e.* 2022-07-31. Version 0.2. LICENSE: other-free. The package provides an driver to use facilities.  
URL: <https://ctan.org/pkg/bxepic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxepic>
- *The bxenclose package. Enclose the document body with some pieces of code.* 2022-07-31. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/bxenclose>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxenclose>
- *The BXjalipsum package. Dummy text in Japanese.* 2023-07-13. Version 1.0a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjalipsum>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
- *The BXjaprnind package. Adjust the position of parentheses at paragraph head.* 2021-06-19. Version 0.4a. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjaprnind>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaprnind>
- *The bxjatoucs package. Convert Japanese character code to Unicode.* 2019-10-24. Version 0.2. LICENSE: mit  
URL: <https://ctan.org/pkg/bxjatoucs>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
- *The BXjscs package. Japanese document class collection for all major engines.* 2023-07-17. Version 2.9. LICENSE: bsd2. This package provides an extended version of the Japanese document class collection provided by . While the original version supports only pL<sup>A</sup>T<sub>E</sub>X and uL<sup>A</sup>T<sub>E</sub>X, the extended version also supports pdfL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X, with the aid of suitable packages that provide capability of Japanese typesetting.  
URL: <https://ctan.org/pkg/bxjscs>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjscs>
- *The bxnewfont package. Enhanced \newfont command.* 2022-07-31. Version 0.2b. LICENSE: mit. This package provides a new command . It is similar to the old (and deprecated) command in function, but is more compatible with NFSS. In particular, one can safely change font size after invoking a font command defined by . The new command will be useful to users who know much of the old command, but are unfamiliar with the details of NFSS.  
URL: <https://ctan.org/pkg/bxnewfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxnewfont>
- *The bxorigcapt package. To retain the original caption names when using Babel.* 2022-07-31. Version 1.0. LICENSE: mit. This package forces the caption names ( , , etc) declared by the document class in use to be used as the caption names for a specific language introduced by the Babel package.  
URL: <https://ctan.org/pkg/bxorigcapt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxorigcapt>
- *The bxpapersize package. Synchronize output paper size with layout paper size.* 2022-04-29. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpapersize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>
- *The bxpdfver package. Specify version and compression level of output PDF files.* 2022-04-30. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpdfver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
- Yato, Takayuki. *The bxtexlogo package. Additional T<sub>E</sub>X-family logos.* 2022-05-05. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxtexlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
- *The bxwareki package. Convert dates from Gregorian to Japanese calender.* 2023-07-08. Version 0.7. LICENSE: mit  
URL: <https://ctan.org/pkg/bxwareki>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxwareki>
- *The ifptex package. Check if the engine is pT<sub>E</sub>X or one of its derivatives.* 2023-04-08. Version 2.2c. LICENSE: mit. The package is a counterpart of , , etc. for the engine. The package is an alias to provided for backward compatibility.



- URL: <https://ctan.org/pkg/ifptex>  
MIRROR: <https://mirror.ctan.org/macros/generic/ifptex>
- *The ipaex-type1 package. IPAex fonts converted to Type-1 format Unicode subfonts.* 2018-05-13. Version 0.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/ipaex-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ipaex-type1>
  - *The jfmutil package. Utility to process pTeX-extended TFM and VF.* 2021-11-07. Version 1.3.3. LICENSE: mit. This program provides functionality to process data files (JFM and VF) that form logical fonts used in . The functions currently available include:  
URL: <https://ctan.org/pkg/jfmutil>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/jfmutil>
  - *The pxbase package. Tools for use with (u)pLaTeX.* 2023-02-26. Version 1.4. LICENSE: mit. The main purpose of this package is to provide auxiliary functions which are utilized by other packages created by the same author. It also provides a few user commands to assist in creating Japanese documents using .  
URL: <https://ctan.org/pkg/pxbase>  
MIRROR: <https://mirror.ctan.org/macros/jptex/latex/pxbase>
  - *The pxchfon package. Japanese font setup for pLaTeX and upLaTeX.* 2023-08-29. Version 2.0. 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.* 2023-02-28. Version 1.3. 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.* 2023-03-02. Version 1.3e. 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.* 2023-07-07. Version 0.7. 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.* 2022-11-08. Version 1.71D. 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. L<sup>A</sup>T<sub>E</sub>X Thesis Template for Hefei University of Technology.* 2022-08-02. Version 1.0.4. LICENSE: l<sup>p</sup>l1.3c. This project is based on the L<sup>A</sup>T<sub>E</sub>X 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,l<sup>p</sup>l1.3c

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: l<sup>p</sup>l

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: l<sup>p</sup>l1.3c. 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: l<sup>p</sup>l1.3c. 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: l<sup>p</sup>l1.3

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

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

- Zach, Richard. *The ptolemaicastronomy package. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals).* 2019-05-01. Version 1.0. LICENSE: l<sup>p</sup>l1.3c

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

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.* 2023-03-19. LICENSE: mit

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

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

- Zachhuber, Jonathan. *The geschichtsfrk1 package. BibL<sup>A</sup>T<sub>E</sub>X style for historians.* 2016-09-21. Version 1.4. LICENSE: l<sup>p</sup>l

URL: <https://ctan.org/pkg/geschichtsfrk1>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/geschichtsfrk1>

- 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 LuaTeX*. 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: lppl1.3  
 URL: <https://ctan.org/pkg/elzcards>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elzcards>
- *The factura package. Typeset and calculate invoices according to Venezuelan law*. 2022-01-22. Version 4.32. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/factura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/factura>
- Zaitseff, John. *The unswthesis package. UNSW theses*. 2016-06-24. Version 1.6a. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/unswthesis>  
 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 `<math>\</math>)` 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. 2022-12-14. Version 1.94. LICENSE: lppl. The package provides plotting of data (typically from external files), using . Plots may be configured using a wide variety of parameters.  
URL: <https://ctan.org/pkg/pst-plot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-plot>
  - *The pst-tvz package*. Draw trees with more than one root node, using PSTricks. 2016-06-24. Version 1.01. LICENSE: lppl1.3. The package uses PSTricks to draw trees with more than one root node. It is similar to , though it uses a different placement algorithm.  
URL: <https://ctan.org/pkg/pst-tvz>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tvz>
  - *The twoup-gen package*. Macros to print two-up. 2020-05-09. Version 1.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/twoup-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/2up>
  - *The xcomment package*. Allows selected environments to be included/excluded. 2019-06-09. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/xcomment>  
MIRROR: <https://mirror.ctan.org/macros/generic/xcomment>
- Zandt, Timothy Van, Herbert Voß, Denis Girou, Sebastian Rahtz, and Niall Mansfield. *The fancyvrb package*. Sophisticated verbatim text. 2023-01-19. Version 4.5a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancyvrb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyvrb>
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URL: <https://ctan.org/pkg/l2tabu-italian>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/italian>
- Zaretskii, Eli. *The djgpp package*. DJGPP-based version of T<sub>E</sub>X for MS-DOS. 2019-09-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
- Zaslavsky, David. *The physymb package*. Assorted macros for Physicists. 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/physymb>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
- Zavala, Roberto Alvarez. *The nahuatl package*. Render nahuatl glyphs. 2021-10-15. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nahuatl>  
MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
- Zedler, Michael and Michael Sharpe. *The FourierNC package*. Use New Century Schoolbook text with Fourier maths fonts. 2016-06-24. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.  
URL: <https://ctan.org/pkg/fouriernc>  
MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
- Zeman, Michal. *The fnspe package*. Macros for supporting mainly students of FNSPE CTU in Prague. 2017-09-20. Version 1.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/fnspe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
- Zeng, Xiangdong. *The emoji package*. Emoji support in (Lua)LaTeX. 2021-07-17. Version 0.2.2. LICENSE: lppl1.3c. This package allows users to typeset emojis in L<sup>A</sup>T<sub>E</sub>X documents. It requires the LuaHBTeX engine, which can be called by since T<sub>E</sub>X Live 2020, or in T<sub>E</sub>X Live 2019.  
URL: <https://ctan.org/pkg/emoji>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/emoji>
- *The fduthesis package*. L<sup>A</sup>T<sub>E</sub>X thesis template for Fudan University. 2023-05-27. Version 0.9a. LICENSE: lppl1.3c  
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