

# The CTAN Bibliography

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## 1 Bibliography data

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

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

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

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

Currently there are 6454 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	53	J	57
K	58	L	60	M	69	N	77	O	81	P	83	Q	93	R	94	S	97	T	106
U	117	V	120	W	122	X	123	Y	126	Z	126								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	279
a2ac	AFM to AFM plus Composites	Olšák	376
a2ping	Advanced PS, PDF, EPS converter	Szabó	469
a4	Support for A4 paper sizes	Poppelier, Braams	394
a4wide	”Wide” a4 layout	Holt, Lamy	260
a5comb	Support for a5 paper sizes	Wolczko	538
aaai-named	BibTeX style for AAAI	Patel-Schneider	385
aaai	AAAI style	Patel-Schneider	385
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal ‘Aalok’	Unknown	499
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	483
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	465
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	237
abc2mtex	Notate tunes stored in ABC notation	Walshaw	528
abnt	Typesetting academic works according to ABNT rules	Cherem	177
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	132
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	467
abraces	Asymmetric over-/underbraces in maths	Grundlingh	239
abspos	Absolute placement with coffins	Hetland	254
abstbook	Books of abstracts	Havlik	248
abstr-collect	Print a collection of abstracts	Balemi	138
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	410
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	210
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
accenti	Extra accented character macros, designed for Italian	Bosisio	156
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	552
accents	Multiple mathematical accents	Bezos López	319
accessibility	Create tagged and structured PDF files	Clifton	181
accfonts	Utilities to derive new fonts from existing ones	Smith	450
accsupp	Better accessibility support for PDF files	Oberdiek	367
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	541
achicago-bst	Chicago Manual BibTeX style	Swift	465
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	465
acm	ACM document style	Leichter	313
acmart	Class for typesetting publications of ACM	Veytsman	514
acmconf	Class for ACM conference proceedings	Vollmer	519
acmproc	Style option for ACM proceedings	Lamport	307
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	307
acro	Typeset acronyms	Niederberger	361
acroflex	Create a graphing widget in a PDF file	Story	459
acromake	Make commands for acronyms	Thompson	491
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	459
acronym	Expand acronyms at least once	Oetiker, Oberdiek	374

<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	279
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	233
AcroSort	Sort sliced image into order	Story	459
acroterm	Manage and index acronyms and terms	Voß	525
acrotex-js	JavaScript files used by acrotex and other packages	Story	459
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	460
acrotex	The AcroTeX education bundle	Story	459
acroweb	Scripts to create interactive tests from a database	Mařík	335
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	499
active-conf	Class for typesetting ACTIVE conference papers	Robertson	408
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	232
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	233
adami	A DOS system for working with Tamil	Srinivasan	455
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	141
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	272
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	226
addliga	Access basic ligatures in legacy TrueType fonts	Miller	346
addlines	A user-friendly wrapper around \enlargethispage	Robertson	409
address	Generate form letters and address labels	Wester, Damrau	532
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	449
addtoluatexpath	Add paths to Lua packages and input T <sub>E</sub> X files	Ewasiuk	206
adfathesis	Australian Defence Force Academy thesis format	Harker	247
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	403
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	403
adhocfilelist	'\listfiles' entries from the command line	Lück	325
adigraph	Augmenting directed graphs	Cappelletti	169
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	514
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	426
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	500
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	514
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	234
adrconv	BibTeX styles to implement an address database	Kielhorn	282
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribille	455
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	149
advdate	Print a date relative to "today"	Wagner	526
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	204
aeb-minitoc	Create mini-tocs	Story	460
aeb-mlink	Multi-line links with hyperref	Story	460
aeb-mobile	Format PDF files for use on a smartphone	Story	460
AeB Pro	Items from the AeB Pro Family of Software	Story	460
aeb-tilebg	AeB Tiling Backgrounds	Story	460
aeb_dad	A drag-and-drop matching game with PDF files	Story	460
aebenvelope	The AeB Pro eEnvelope System	Story	460
AeB slicing	An image slicer	Story	460
aebXMP	Add advanced metadata to PDF files	Story	460
aecc	Almost European Concrete Roman virtual fonts	Rivera	408
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	413
aesupp	Special support for the æ character	Jørgensen	272
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	181
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	204
AFMtopl (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	538
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	514
afterpackage	Add commands to package after it's loaded	Rozhenko	420
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	547
aguplus	Styles for American Geophysical Union	Daly	187
aiaa	Typeset AIAA conference papers	Kleb	285
aichej	Bibliography style file for the AIChE Journal	Schaber	425
aifont	Remap Computer Modern fonts	Collins	183
ajl	BibTeX style for AJL	Nash	359
AkkTeX	A collection of packages and classes	Akkerman	129
akletter	Comprehensive letter support	Kielhorn	282
akshar	Support for syllables in the Devanagari script	Vũ	526
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	465
albatross	Find fonts that contain a given glyph	Island of TeX	266
alchemist	Typeset alchemist and astrological symbols	Buxbaum	167
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
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	199
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	498
algobox	Typeset Algobox programs	Rivaud	407
algotrevived	A revival of Frutiger's Algol alphabet	Sharpe	441
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	213
algorithmicx	The algorithmic style you always wanted	János	268
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	161
algpseudocodex	Package for typesetting pseudocode	Matt	337
algxpar	Support multiple lines of pseudocode	Moreira	351
aliascnt	Alias counters	Oberdiek	367
aligned-overset	Fix alignment at \overset or \underset	Krüger	301
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	478
allegno	Automatic numbering of all equations	Thornburg	491
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	531
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	307
alltt2	Indented version of alltt	Wolczko, Lamport	538
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support	Hamid	243
alnumsec	Alphanumeric section numbering	Küster	305
alpha-persian	Persian version of alpha.bst	Shapour	440
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	278
alphabib	Add alphabetical headers into citations	Hilléreau	255
alphalph	Convert numbers to letters	Oberdiek	367
alphanum-bst	Modified alpha BibTeX style	Thomas	491
alphanum	Sectioning commands for jura	Braun	159
alphanumb	A modification of alpha.bst	Thomas	491
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	338
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	284
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	217
altsubsup	Subscripts and superscripts with square brackets	Labbé	306
altverse	Typesetting verse	Shipunov	444
ama	AMA manual of style citations	Kort, Trickey	298
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	383
amiri	A classical Arabic typeface, Naskh style	Hosny	261
amiweb2c-guide	How to install AmiWeb2c	Finnberg	213
amiweb2c	An Amiga port of web2C	Scherer	428
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	244

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	532
amsaddr	Alter the position of affiliations in amsart	Lelong	314
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	483
amsbook	L <sup>A</sup> T <sub>E</sub> X document class for AMS books	The AMS	483
amsbsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	485
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	485
amscdx	Enhanced commutative diagrams	Vermeer	513
amscls-doc	User documentation for AMS document classes	The AMS	483
amscls	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	483
amsfonts	TeX fonts from the American Mathematical Society	The AMS	483
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	256
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	484
amslatexdoc-vie...	Vietnamese translation of AMSL <sup>A</sup> T <sub>E</sub> X documentation	Huynh	264
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	484
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	485
amsidx	Support for multiple indexes in AMS Classes	The AMS	484
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	486
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	343
amsppt	AMS-TeX article preprint document style	The AMS	484
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	484
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	484
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	484
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	484
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	486
amsthm	Typesetting theorems (AMS style)	The AMS	484
analogclock	An analog ticking clock package for PDF output	Randez	402
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	478
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	233
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	531
annee-scolaire	Automatically typeset the academic year (French way)	Henel	252
annot-pro	Create text, stamp and file attachment annotations	Story	460
annotate-equations	Easily annotate math equations using TikZ	John	271
annotate	A bibliography style with annotations	Unknown	500
annotation-pkg	Suppress or permit annotations to a document	Hofmann	258
annotation	A BibTeX style that processes annotations	Unknown	500
anonchap	Make chapters be typeset like sections	Robertson, Wilson	410
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	145
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	205
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	531
answers	Setting questions (or exercises) and answers	Wright, Piff	541
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	363
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	153
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	182
anti	Typeset an anti-particle in maths mode	Holmes	260
antique-spanish...	A short document about antique spanish units	Merino Hernández	254
antomega	Alternative language support for Omega/Lambda	Kryukov	302
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	366
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	366
antttvf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbiński	533
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	275
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	469
ansize	A simple package to set up document margins	Esser	206
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	211

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
aomart	Typeset articles for the Annals of Mathematics	Veytsman	514
apa	American Psychological Association format	Protopapas	396
apa6	Format documents in APA style (6th edition)	Beitzel	148
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	450
apa7	Format documents in APA style (7th edition)	Weiss	531
apabst	Early APA BibTeX style	Rogers	414
apacite	Citation style following the rules of the APA	Meijer	343
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	422
apalike-german	A copy of apalike.bst with German localization	Braun	160
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	405
apasoft	An APA-like style for BibTeX	Porr	394
apeqnum	Number equations by appendix	Hosek	260
apl	Fonts for typesetting APL programs	Hohti, Kanerva	259
aplweb	Literate programming in APL	Schweigert	437
apnum	Arbitrary precision numbers implemented by T <sub>E</sub> X macros	Olšák	376
appelt-chess	Chess board macros using standard fonts	Unknown	500
appendix	Extra control of appendices	Robertson, Wilson	410
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	314
appendre-a-pro...	The book “Apprendre à programmer en T <sub>E</sub> X”	Tellechea	477
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	142
apptools	Tools for customising appendices	Kuhnert	303
apxproof	Proofs in appendix	Senellart	440
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	143
arabi-add	Using hyperref and bookmark packages with arabic and farsi languages	Lakhdar	307
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	266
arabic-book	An Arabic book class	Alziyadi	131
arabic	Read a lower-case roman number	Selberg	439
arabicfront	Frontmatter with arabic page numbers	Bezos López	319
arabluatex	ArabTeX for LuaLaTeX	Alessi	129
arabtex	Macros and fonts for typesetting Arabic	Lagally	306
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	250
aramaic	Fonts for Aramaic script	Wilson	534
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, Syropoulos	538
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
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	248
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	379
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	443
aro-bend	Exercises in T <sub>E</sub> X, with answers	Downes	195
arosg	Support for the Bengali language	Ali	130
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	543
arphic	Arphic (Chinese) font packages	Lemberg	314
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	349



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arraycols	New column types for array and tabular environments	Missier	347
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	443
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	443
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	132
arraysort	Sort arrays (or portions of them)	Lee	311
arrow	Eplain macros for commutative diagrams	Smith	450
ArsClassica	A different view of the ClassicThesis package	Pantieri	383
artex	Make filecontents environments of non-standard files or packages	Efford	201
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	486
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	350
artthreads	Support for article threads	Story	460
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
arXivBib	Get bibliography entries from arXiv.org	Forkosh	217
arydshln	Draw dash-lines in array/tabular	Nakashima	358
asaetr	Transactions of the ASAE	Pearson	385
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	467
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	225
asc2tex	Retrieve text from screenshots	Götz	232
ascelike	Bibliography style for the ASCE	Kuhn	303
ascii-chart	An ASCII wall chart	Eijkhout	202
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	446
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	469
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	238
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	269
askinclude	Interactive use of \includeonly	Straub, Oberdiek	463
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	317
asmejour	A template for ASME journal papers	Lienhard	317
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	143
aspell	Spell checker	Atkinson	137
assignment	A class file for typesetting homework and lab assignments	Singh	448
assoccnt	Associate counters, making them step when a master steps	Hupfer	263
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	500
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	304
astro	Astronomical (planetary) symbols	Schmitt	432
astron	BibTeX style for astronomical journals	Hogeveen	259
astyped	Verbatim environment, with rather few escapes	Unknown	500
asyfig	Commands for using Asymptote figures	Robertson	409
asymptote-by-ex...	Asymptote by example	Unknown	500
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	500
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	500
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	264
at	Short commands starting '@'	Wooding	539
atari-cstex	TeX for Atari machines	Brandt	159
atbegshi	Execute stuff at \shipout time	Oberdiek	367
atenddvi	Provides the \AtEndDvi command	Oberdiek	367
atendofenv	Add a custom symbol at the end of an environment	Zhou	551
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	478
attachfile	Attach arbitrary files to a PDF document	Pakin	379
attachfile2	Attach files into PDF	Oberdiek	368
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	465
atveryend	Hooks at the very end of a document	Oberdiek	368

<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	305
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	484
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	430
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	534
auncial	Artificial Uncial manuscript book-hand font	Wilson	534
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	257
aurora	Header files for dvips to make colour separations	Freeman	219
authblk	Support for footnote style author/affiliation	Daly	187
authoraftertitle	Make author, etc., available after \maketitle	Bilger	151
authorarchive	Adds self-archiving information to scientific papers	Brucker	162
authordate	Author/date style citation styles	Rhead	406
authorindex	Index citations by author names	Wettstein	532
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	520
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	409
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	429
autoalign	Align terms and members in math expressions	Tellechea	477
autobreak	Simple line breaking of long formulae	Ueda	498
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	337
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	222
autolist	More lists	Shipunov	444
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	500
automata	Finite state machines, graphs and trees in MetaPost	Puppis	397
automatica	A harvard-family BibTeX style	Balemi	138
autonum	Automatic equation references	Häcker	241
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	532
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	489
autopuncitems	Automatically punctuate lists	Ewasiuk	206
autosp	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	478
autotab	Generating tabulars from input data	Kruljac	302
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	500
autoview	Maintain a Ghostscript view of emacs buffer	Goel	229
auxhook	Hooks for auxiliary files	Oberdiek	368
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	438
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	191
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	184
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	513
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	535
babel-albanian	Support for Albanian within babel	Bezos López, Braams	321
babel-azerbaijani	Support for Azerbaijani within babel	Bezos López	319
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	290
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Garea	129
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	366
babel-bosnian	Babel contrib support for Bosnian	Halilčević	243
babel-breton	Babel contributed support for Breton	Rolland	415



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezos López, Braams	156
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	239
babel-contrib	Contributed language-support files for Babel	various authors	511
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	379
babel-czech	Babel support for Czech	Bezos López, Braams	321
babel-danish	Babel contributed support for Danish	Bezos López, Braams	321
babel-dutch	Babel contributed support for Dutch	Bezos López, Braams	321
babel-english	Babel support for English	Bezos López, Braams	321
babel-esperanto	Babel support for Esperanto	Bezos López, Braams, Martí	323
babel-estonian	Babel support for Estonian	Vajakas, Saar	510
babel-finnish	Babel support for Finnish	Bezos López, Braams	321
babel-french	Babel contributed support for French	Flipo	215
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	143
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	408
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	445
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	401
babel-greek	Babel support for the Greek language and script	Syropoulos, Bezos López, Braams, Milde	469
babel-hebrew	Babel support for Hebrew	Bezos López, Braams, Lavva, Rosendahl	322
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	469
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezos López	133
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezos López	290
babel-interlingua	Babel support for Interlingua	Bezos López, Braams	322
babel-irish	Babel support for Irish	Bezos López, Braams	322
babel-italian	Babel support for Italian text	Bezos López, Braams, Beccari, Codogno	322
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	265
babel-kurmanji	Babel support for Kurmanji	Bezos López, Braams	322
babel-latin	Babel support for Latin	Wehr, Bezos López, Braams, Beccari	531
babel-latvian	Babel support for Latvian	Lasis, Bezos López	309
babel-lithuanian	Babel support for documents written in Lithuanian	Tolušis	493
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	494
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezos López	290
babel-norsk	Babel support for Norwegian	Bezos López, Braams	322
babel-occitan	Babel support for Occitan	Valmary	510
babel-piedmontese	Babel support for Piedmontese	Beccari	144
babel-polish	Babel support for Polish	Bezos López, Braams, Schalück, Janich, Woliński	323
babel-portuges	Babel support for Portuges	Bezos López, Braams	322
babel-romanian	Babel support for Romanian	Bezos López, Braams, Horst, Juhasz	322
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	144
babel-russian	Russian language module for Babel	Kotelnikov	298
babel-samin	Babel support for Samin	Bezos López, Braams, Jernsletten	322
babel-scottish	Babel support for Scottish Gaelic	Bezos López, Braams	322

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-serbian	Babel/Polyglossia support for Serbian	Bezós López, Braams, Stefanović	323
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	160
babel-slovak	Babel support for typesetting Slovak	Bezós López, Braams, Chlebíková, Tesařík	322
babel-slovenian	Babel support for typesetting Slovenian	Bezós López, Braams	322
babel-sorbian	Babel support for Upper and Lower Sorbian	Bezós López, Braams, Werner	323
babel-spanglish	Simplified Spanish support for Babel	Rivera	408
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	323
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	322
babel-thai	Support for Thai within babel	Karoonboonyanan	276
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	331
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	159
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	315
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	321
babelbib	Multilingual bibliographies	Harders, Preining	247
babeltools	Tools for dealing with Babel annoyances	Bezós López	320
babylonianum	Typeset Babylonian numerals with XeT <sub>E</sub> X	Pinson	392
backgrnd	Mark text with grey background or change bar	Schmitt	432
background	Placement of background material on pages of a document	Medina Arellano	133
backnaur	Typeset Backus Naur Form definitions	Robson	413
backref	Make hyper-references back from bibliography to citation	Oberdiek	368
backrefx	Bibliographical back referencing	Els	204
badge	Print badge labels	van Oostrum	377
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	283
bagpipe	Support for typesetting bagpipe music	Innis	265
bahyph	Hyphenation for Basque	Aguirregabiria	129
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	334
bakoma-games	BaKoMa modules for music and games	Malyshev	334
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	334
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	334
balance	Balanced two-column mode	Daly	188
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	500
balancedquotes	Code balanced quotes according to document language	Selberg	439
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	261
bangorcsthesis	Typeset a thesis at Bangor University	Gray	235
bangorexam	Typeset an examination at Bangor University	Gray	235
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	382
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	285
bar	A patched version of bar.sty	Bleser, Lang	153
barcodes-vulis	A font for making barcodes	Vulis	526
barcodes	Fonts for making barcodes	Willadt	534
bard	Celtic bardic runes font	Lüddecke	327
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	458
bargraph-js	Create bar graphs using form fields and JavaScript	Story	460
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	225
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	291
bashful	Invoke bash commands from within L <sup>A</sup> T <sub>E</sub> X	Gil	226

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bashkirian	Bashkirian extension to OT2 fonts	Knappen	289
basicarith	Macros for typesetting basic arithmetic	Goodman	230
BasicLaTeX-ru	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Russian	Kuznetsov	305
basix	A BASIC interpreter written in T <sub>E</sub> X	Greene	236
baskervaldadf	Baskervald ADF fonts collection with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	403
baskervaldx	Extension and modification of BaskervaldADF with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	441
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	441
basque-book	Class for book-type documents written in Basque	Ibarra	264
basque-date	Print the date in Basque	Ibarra	264
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	285
baum	Trees, using PicTeX	Unknown	500
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	341
bbding	A symbol (dingbat) font and L <sup>A</sup> T <sub>E</sub> X macros for its use	Neergaard, Horák	359
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	255
bbm	"Blackboard-style" cm fonts	Robert	408
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	260
bbold	Sans serif blackboard bold	Jeffrey	269
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	441
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	414
bchart	Draw simple bar charts in L <sup>A</sup> T <sub>E</sub> X	Kuhn	303
bclogo	Creating colourful boxes with logos	Chupin	180
bdfchess	Typeset correspondence chess games	Hassel	248
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	520
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	510
beamer	A L <sup>A</sup> T <sub>E</sub> X class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	345
beamer2thesis	Thesis presentations using beamer	Fiandrino	211
beamerappendixnote	Create notes on appendix frames in beamer	Semken	440
beameraudience	Assembling beamer frames according to audience	Marschall	336
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	464
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	180
beamerdarkthemes	Dark color themes for beamer	Thiriet	490
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	196
beamerframe	Reorder frames in the PDF file	Kaufmann	277
beamerswitch	Convenient mode selection in Beamer documents	Ball	139
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	389
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	374
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	344
beamertheme-epyt	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer class	Hu	262
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	512
beamertheme-met...	A modern L <sup>A</sup> T <sub>E</sub> X beamer theme	Vogelgesang	519
beamertheme-npbt	A collection of L <sup>A</sup> T <sub>E</sub> X beamer themes	Markgraf	335
beamertheme-phn...	A simple beamer theme	Ol	375
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	500
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	223

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Beamertheme-Sim...	Template for a simple presentation	Huang	263
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	263
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	501
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	307
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	463
beamerthemeAmur...	A new modern beamer theme	Chupin	180
beamerthemeJLTree	Contributed beamer theme	Lelong	314
beamerthemelalic	A beamer theme for LALIC	Moreira	351
beamerthemenirma	A Beamer theme for academic presentations	Revar	406
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	528
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	551
bearwear	Shirts to dress TikZbears	Fischer	214
beaulivre	Write your books in a colorful way	XU	542
beautybook	A beautiful book template for maths and science	Lu	325
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	216
begriff	Typeset Begriffschrift	Parsons	384
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	447
beletter	Typeset Belgian letters	Kilfinger, Lenaerts	283
belleek	Free replacement for basic MathTime fonts	Kinch	284
bellmac	Outline scheme for form letter production	Bell	148
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	402
bengali-pandey	Support for the Bengali language	Pandey, Das	382
bera	Bera fonts	Rosenau, Dirr, Schmidt	417
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	404
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	192
bestpapers	A BibTeX package to produce lists of authors’ best papers	Veytsman	514
betababel	Insert ancient greek text coded in Beta Code	Berkemeier	150
beton	Use Concrete fonts	Jensen	270
beuron	The script of the Beuronese art school	Wehr	530
bewerbung	Typesetting job applications	Hilbig	255
bez123	Support for Bezier curves	Robertson, Wilson	410
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	415
bfh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	387
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	354
bg	Annotate backgammon matches and positions	Richter	407
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	156
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	408
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	245
bguq	Improved quantifier stroke for Begriffschrift packages	Green	236
BHCexam	An exam class for mathematics teachers in China	Bao	139
bib-fr	French translation of classical BibTeX styles	Markey	335
bib-greek	A BibTeX style for Greek documents	Syropoulos	467
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	219
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	470
bib2ml	BibTeX to HTML/SQL/XML translator	Galland	222
bib2xhtml	Convert BibTeX Files into XHTML	Spinellis, Hull	453
BibArts	“Arts”-style bibliographical information	Baumann	142
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	248
bibcard	An XView based interface for BibTeX databases	Grossniklaus, Ogden	239
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	399

<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	163
bibdb	BibTeX bibliography manager for MS-Windows and MS-DOS	Doron	195
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	284
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	284
biber-linux	Biber binaries for Linux	Kime	283
biber-macos	Biber binaries for MacOS	Kime	283
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	283
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	284
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	284
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	284
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	469
biber-windows	Biber binaries for Windows	Kime	284
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	284
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	239
bibexport	Extract a BibTeX file based on a .aux file	Markey	335
bibextract	Utilities to extract BibTeX data	Beebe	146
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	385
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	358
bibfind	Prints entries in your bib file that match search string	Breivik	160
bibhtml	BibTeX support for HTML files	Gray	235
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	205
biblatex-abnt	BibLaTeX style for Brazil's ABNT rules	Marques	336
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	137
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	418
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	284
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	284
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	157
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	492
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	139
biblatex-bookin...	Manage book edited in article	Rouquette	418
biblatex-bookin...	Manage book edited in other entry type	Rouquette	418
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	520
biblatex-casper...	A simple citation style for Chinese users	Vector	512
biblatex-cheats...	BibLaTeX/Biber 'cheat sheet'	Rees	403
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	539
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	221
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	418
biblatex-cv	Create a CV from BibTeX files	Shub	445
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	529
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	168
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	531
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	453
biblatex-gb7714...	A BibLaTeX implementation of the GBT7714-2015 bibliography style for Chinese users	Zhenzhen	551
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	228



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>biblatex-ieee</code>	IEEE style files for BibLaTeX	Wright	540
<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	258
<code>biblatex-jura</code>	BibLaTeX stylefiles for German legal literature	Hard	245
<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	437
<code>biblatex-license</code>	Add license data to the bibliography	Wagner	526
<code>biblatex-lncs</code>	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	232
<code>biblatex-lni</code>	LNI style for BibLaTeX	Kopp	298
<code>biblatex-luh-ipw</code>	BibLaTeX styles for social sciences	Heins	250
<code>biblatex-manusc...</code>	Manage classical manuscripts with BibLaTeX	Rouquette	418
<code>biblatex-mla</code>	MLA style files for BibLaTeX	Clawson	181
<code>biblatex-morenames</code>	New names for standard BibLaTeX entry type	Rouquette	418
<code>biblatex-ms</code>	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X (multiscript version)	Kime	284
<code>biblatex-multip...</code>	Load multiple datamodels in BibLaTeX	Rouquette	418
<code>biblatex-musuos</code>	A BibLaTeX style for citations in musuos.cls	Weh	530
<code>biblatex-nature</code>	BibLaTeX support for Nature	Wright	540
<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	418
<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	510
<code>biblatex-phys</code>	A BibLaTeX implementation of the AIP and APS bibliography style	Wright	540
<code>biblatex-publist</code>	BibLaTeX bibliography support for publication lists	Spitzmüller	453
<code>biblatex-readbbl</code>	Read a .bbl file created by biber	Voß	520
<code>biblatex-realau...</code>	Indicate the real author of a work	Rouquette	418
<code>biblatex-sbl</code>	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	397
<code>biblatex-science</code>	BibLaTeX implementation of the Science bibliography style	Wright	540
<code>biblatex-shortf...</code>	Use short forms of fields with BibLaTeX	Rouquette	418
<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	418
<code>biblatex-spbasic</code>	A BibLaTeX style emulating Springer’s old spbasic.bst	Voß	520
<code>biblatex-subseries</code>	Manages subseries with BibLaTeX	Rouquette	418
<code>biblatex-swiss...</code>	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	518
<code>biblatex-trad</code>	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	531
<code>biblatex-true-c...</code>	Correction of some limitation of the citepages=omit option of BibLaTeX styles	Rouquette	418
<code>biblatex-unified</code>	BibLaTeX implementation of the unified stylesheet for linguistics journals	von Fintel	213
<code>biblatex-vancouver</code>	Vancouver style for BibLaTeX	Mondal	350
<code>BibLaTeX</code>	Sophisticated Bibliographies in L <sup>A</sup> T <sub>E</sub> X	Lehman, Kime	312
<code>biblatex2bibitem</code>	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	137
<code>BiBLE</code>	A BibTeX library editor	Schreiber	433
<code>bibleref-french</code>	French translations for bibleref	Rouquette, Pinson	419
<code>bibleref-german</code>	German adaptation of bibleref	Waßenhoven	529
<code>bibleref-lds</code>	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	384
<code>bibleref-mouth</code>	Consistent formatting of Bible references	Parry	384
<code>bibleref-parse</code>	Specify Bible passages in human-readable format	Kuhnert	303
<code>bibleref</code>	Format bible citations	Talbot, Rouquette	475
<code>bibletext</code>	Insert Bible passages by their reference	Staps	457
<code>biblio-perl</code>	System for maintaining and presenting bibliographies	Stepanyan	458
<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	434
biblook	Fast searching of BibTeX files	Erickson, Beebe	205
biblos	CGI interface to BibTeX files	Moller	349
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	240
BibTeX-help	VMS help file for BibTeX	Greenwade	236
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	385
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	279
BibTexMng	Manipulate BibTeX database files	VNP Comp	518
bibtexperllibs	BibTeX Perl Libraries	Gossen, Veytsman	232
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	245
BibTool	A tool for manipulating BibTeX files	Neugebauer	359
bibttools	Bib management tools	Kotz, Gildea	299
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	142
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	435
bibunits	Multiple bibliographies in one document	Fernández, Hansen	211
bibutils	A collection of bibliography format convertors	Putnam	397
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	317
bibview	View BibTeX files	Jacobsen	268
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	382
bicaption	Support for bilingual captions	Sommerfeldt	452
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	441
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	280
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	279
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	280
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	280
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	280
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	280
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	280
bidstobibtex	Convert BIDS returns to BibTeX	Stone	459
bigdelim	Big delimiters in tabular or array	van Oostrum	377
bigfoot	Footnotes for critical editions	Kastrup	277
bigintcalc	Integer calculations on very large numbers	Oberdiek	368
bigints	Writing big integrals	Merciadri	343
bigsign	Making "big signs" (mini-posters)	Lingnau	318
bigstrut	Struts for opening up tabular spacing	van Oostrum	377
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	337
bigtabular	Tabulars that can split at page boundaries	Duchier	198
biihead	Underlined page headings	Shapin	440
bilingualpages	Typeset two columns in parallel	Coles	182
binarytree	Drawing binary trees using TikZ	Nikolova	365
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	277
binomexp	Calculate Pascal's triangle	Roderick	413

<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	201
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	444
biolett-bst	A BibTeX 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	478
biolist	List observed species	Shipunov	444
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	138
bit2spr	Convert bitmaps to "sprites"	Rovner	420
bitelist	Split list, in T <sub>E</sub> X's mouth	Lück	325
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	491
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	275
bitpattern	Typeset bit pattern diagrams	Bourguet	158
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	465
bitset	Handle bit-vector datatype	Oberdiek	368
bitstrea	Support for use of Bitstream fonts	Unknown	501
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
bizcard	Typeset business cards	Kirsch	284
bjfuthesis	A thesis class for Beijing Forestry University	Liu	318
blackboard	Comparison of blackboard bold fonts	Kummer	304
blackletter	A blackletter font	Unknown	501
blacklettert1	T1-encoded versions of Haralambous old German fonts	Bronger	161
blanks	Macros for "fill in the blanks" forms	Varian	511
blindtext	Producing 'blind' text for testing	Lickert	316
blkarray	Extended array and tabular	Carlisle	169
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	465
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	529
block	A block letter style for the letter class	Huang	262
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	492
BLOpenType	A basic LuaTeX OpenType handler	Rivera	408
bloques	Generate control diagrams	Ruiz	422
blowup	Upscale or downscale all pages of a document	Niepraschk	363
blox	Draw block diagrams, using TikZ	Reish	405
blue	A document preparation system	van der Laan	305
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	171
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	453
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	154
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	299
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	299
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	368
bmstu-iu8	A class for IU8 reports	Unknown	501
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	366
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	397
bnumexpr	Extends eTeX's \numexpr... \relax construct to big integers	Burnol	165
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	383
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	275
bohr	Simple atom representation according to the Bohr model	Niederberger	361
boisik	A font inspired by Baskerville design	Mitek	347
boites	Boxes that may break across pages	Zoonekynd, Malaquias	553
bold-extra	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	207
boldline	Heavier lines in tables	Shipunov	444
boldtensors	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	213
bondgraph	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	199
bondgraphs	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	217

<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	501
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	486
bookcover	A class for book covers and dust jackets	Tómacs	494
bookdb	A BibTeX style file for cataloguing a home library	Wilson	535
bookest	Extended book class	Bresciani	160
bookform	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	341
bookhands	A collection of book-hand fonts	Wilson	535
booklet	Aids for printing simple booklets	Robertson, Wilson	410
bookmark	A new bookmark (outline) organization for hyperref	Oberdiek	368
bookshelf	Create a nice image from a BibTeX file	Flynn	216
booktabs-de	German version of booktabs	Römer, Manderla	416
booktabs-fr	French translation of booktabs documentation	Drucbert, Goutelle	197
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	441
bophook	Provides an At-Begin-Page hook	Tinnefeld	492
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	156
boxedart4mac	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	446
boxedeps	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	446
boxedminipage	Framed minipages of a specified total width (text and frame combined)	Pakin	379
boxhandler	Flexible Captioning and Deferred Box/List Printing	Segletes	438
boxit-ltx	An environment for boxing things	van der Goot	232
boxit	Draw a box around a text	Unknown	501
bpchem	Typeset chemical names, formulae, etc	Pedersen	386
bpolynomial	Drawing polynomial functions of up to order 3	Hennig	253
br-lex	A Class for Typesetting Brazilian legal texts	Cherem	177
bracketkey	Produce bracketed identification keys	Heibl	249
braids	Draw braid diagrams with PGF/TikZ	Stacey	455
braille	Support for braille	Park, Unruh	384
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	498
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	398
breakcites	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	261
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	538
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	305
bridge	Typesetting bridge diagrams	van der Laan	305
brief-t	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	249
bropd	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	475
brushscr	A handwriting script font	Loreti	323
bsf	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	313
bsheaders	Double-ruled chapter heading style	Loreti	324
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	236
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	446
btable	Bordered tables	van der Laan	306
bt00L	Perl library for parsing and processing BibTeX files	Ward	529

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bubblesort	Bubble sorts a list	Taylor	476
BUCTthesis	Beijing University of Chemical Technology Thesis Template	Unknown, Changcheng Student Network	508
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	344
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	380
burmese	Basic Support for Writing Burmese	Reese, Lepper	404
buscard	A document style for business cards	Roth	417
business-research	Markup for the journal Business Research	Löffler, Schanz	319
businesscard-qr...	Business cards with QR-Code	Wäckerlin	526
bussproofs-extra	Extra commands for bussproofs.sty	Zach	547
bussproofs	Proof trees in the style of the sequent calculus	Buss	167
BXbase	BX bundle base components	Yato	544
bxcalc	Extend the functionality of the calc package	Yato	544
bxCJKatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	544
bxdpx-beamer	Dvipdfmx extras for use with beamer	Yato	544
bxdivdriver	Enables specifying a driver option effective only in DVI output	Yato	545
bxeepic	Eepic facilities using pict2e	Yato	545
bxenclose	Enclose the document body with some pieces of code	Yato	545
BXghost	Ghost insertion for proper xkanjiskip	Asakura	136
BXjoholiday	Support for Japanese holidays	Asakura	136
BXjalipsum	Dummy text in Japanese	Yato	545
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	545
bxjatoucs	Convert Japanese character code to Unicode	Yato	545
BXjscis	Japanese document class collection for all major engines	Yato	545
bxnewfont	Enhanced \newfont command	Yato	545
bxorigcapt	To retain the original caption names when using Babel	Yato	545
bxpapersize	Synchronize output paper size with layout paper size	Yato	545
bxpdfver	Specify version and compression level of output PDF files	Yato	545
bxtexlogo	Additional T <sub>E</sub> X-family logos	Yato	545
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	545
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	417
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	449
bytefield	Create illustrations for network protocol specifications	Pakin	380
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	184
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	510
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	438
c2cweb	C language prettyprinter	Lemberg	314
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	401
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	478
cachepic	Convert document fragments into graphics	Trzeciak	495
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	446
cahierprof	Schedule and grade books for French teachers	Giromini	227
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	239
caladea	Support for the Caladea family of fonts	Tennent	478
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	490
calcage	Calculate the age of something, in years	Schneider	432
calctab	Language for numeric tables	Giacomelli	225
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	221
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	256
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	511

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
calligra	Calligraphic font	Vanroose, Dachian	510
callouts	Put simple annotations and notes inside a picture	Stuetz	464
calorie	Calorie checking for dieters	Aonuma	132
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	551
cals	Multipage tables with wide range of features	Parashchenko	383
calxxxx-yyyy	Print a calendar for a group of years	Münch	353
calxxxx	Prints a card-size calendar for any year	Jankovic	268
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	350
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	181
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	207
caption	Customising captions in floating environments	Sommerfeldt	452
caption2	Superseded version of the caption package	Sommerfeldt	452
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	362
card-set	Typeset text for cardfile cards	Potuček Jr.	274
card	Print visiting cards	Balemi	138
carlisle	David Carlisle's small packages	Carlisle	169
carlito	Support for Carlito sans-serif fonts	Tennent	478
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	272
carolmin	Carolingian Miniscule manuscript book-hand font	Wilson	535
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	383
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	200
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	139
cascover	Make cassette covers	Raaijmakers	398
cases	Numbered cases environment	Arseneau	133
casiofont	Support for the Casio ClassWiz font	Munn	355
cassette-shipunov	Print labels for audio cassettes	Shipunov	445
cassette	Typeset cassette box inserts	Strip	463
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	459
casstbl	Typeset cassette labels	Besson	151
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	192
catalan	Catalan hyphenation patterns	Wierda	533
catalanbib	Bibliographic styles for use in Catalan	Fuster	221
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	534
catchfile	Catch an external file into a macro	Oberdiek	368
catchfilebetwee...	Catch text delimited by docstrip tags	Chervet	177
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	325
catdoc	Text extractor for word files	Wagner	526
catdvi	A DVI to plain text translator	Kaijanaho, Brill	275
catechis	Macros for typesetting catechisms	Goodman	230
catoptions	Preserving and recalling standard catcodes	Musa	356
causets	Draw causal set (Hasse) diagrams	Minz	347
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	414
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	268
ccaption	Continuation headings and legends for floats	Robertson, Wilson	411



<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	430
cchess	Chinese chess	Richer, Mittelbach	407
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	499
CClicenses	Typeset Creative Commons licence logos	Pignalberi	391
ccool	A key-value document command parser	Rogard	414
cd	Typeset CD covers	Vigna, Lemberg	517
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	501
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	344
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	339
cell	Bibliography style for Cell	Schneider	433
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	407
cellspace	Ensure minimal spacing of table cells	Noirel	365
cellular	Cellular table construction	Pittman	393
cellwise	Building tables one cell at a time	Borck-Elsner	155
celtic	A TikZ library for drawing celtic knots	Stacey	455
censor	Tools for producing redacted documents	Segletes	438
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	368
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	267
cesenaexam	A class file to typeset exams	Pacini	379
cfgguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	486
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	403
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	403
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	356
changelog	Typesetting keepachangelog.com style changelogs	Turner	498
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	411
changes	Manual change markup	Kleinod	288
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	208
chapref	Bibliography details per chapter	Knaggs	289
chapterbib	Multiple bibliographies in a document	Arseneau	133
chapterfolder	Package for working with complicated folder structures	Mathieu	337
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	478
charter	Charter fonts	Bitstream	152
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	434
chbibref	Change the Bibliography/References title	Wilson	535
cheatsheet	A simple cheatsheet class	Hinrichs	256
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	203
check	A syntax checker and tidier	Grothmann	239
checkcites	Check citation commands in a document	Cereda, Island of TeX, Gregorio	174
checkend	Extend “improperly closed environment” messages	Bezos López	320
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	255
chemarr	Arrows for chemists	Oberdiek	368
chemarrow	Arrows for use in chemistry	Schroeder	435
chembst	A collection of BibTeX files for chemistry journals	Schenk	428
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	428



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chemcono	Support for compound numbers in chemistry documents	Schulz	436
chemexec	Creating (chemical) exercise sheets	Niederberger	362
chemfig	Draw molecules with easy syntax	Tellechea	477
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	362
chemgreek	Upright Greek letters in chemistry	Niederberger	362
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	362
chemnum	A method for numbering chemical compounds	Niederberger	362
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	543
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	210
chemscheme	Support for chemical schemes	Wright	540
chemschemeX	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	446
chemsec	Automated creation of numeric entity labels	Finnerty	213
chemstruct	Structural organic chemistry	Ramek	401
chemstyle	Writing chemistry with style	Wright	540
chemsym	Macros for typing chemical symbols	Dahlgren	187
chemtex	Structural chemistry	Haas	241
cheq	Adobe chess font	Renner	406
cherokee	A font for the Cherokee script	Stanier	456
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	257
chess	Fonts for typesetting chess boards	Tutelaers	498
chessboard	Print chess boards	Fischer	214
chessfss	A package to handle chess fonts	Fischer	214
chessmin	Minimal chess diagrams	Blair	152
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	458
chextras	A companion package for the Swiss typesetter	Oriet	377
chgbar	Draw change bars in the margin	Johnson	272
chhaya	Linguistic glossing in Marathi language	Unknown	501
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	305
chicago	A "Chicago" bibliography style	Glenn	228
chicagoa	"Chicago" bibliography style with annotations	Glenn	228
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	495
chifoot	Chicago-style footnote formatting	Miller	346
childdoc	Directly compile \include'd child documents	Beisert	147
china2e	Font and macros for Chinese calendar	Heyl	255
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	501
chinesechess	Typeset Chinese chess with l3draw	Geng	224
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	205
chkfloat	Warn whenever a float is placed "to far away"	Hejda	250
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	314
chktx	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	490
chletter	Class for typesetting letters to Swiss rules	Oriet	377
chngcntr	Change the resetting of counters	Robertson, Wilson	411
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	411
chomsky	Macros to typeset parsing trees	Barr	140
chordbars	Print chord grids for pop/jazz tunes	Kramm	299
chordbox	Draw chord diagrams	Franzen	219
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	279
chronology	Provides a horizontal timeline	Wiseman, Armacost	538
chronosys	Drawing time-line diagrams	Long	319
chs-physics-report	Physics lab reports for Carmel High School	Zhang	550
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	447
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	301
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	478

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	310
circle	Maths mode circles for temporal logic	Barthelmann	141
circledsteps	Typeset circled numbers	Giannetti	225
circledtext	Create circled text	Geng	224
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	132
CircuitikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt, Giannetti	403
cirth	Fonts for Cirth	Habets, Grant	241
citation-style-...	Bibliography formatting with Citation Style Language	Lee	312
cite-bundle	Citation management bundle	Arseneau	133
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	133
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	223
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	359
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	274
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	314
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	395
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	283
cjk	CJK language support	Lemberg	314
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	550
cjw	A bundle of packages and classes	Wynne	541
clara	A serif font family	Miller	346
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	486
classico	URW Classico fonts	Tennent	479
classics	Cite classic works	Lourenço de Lima	317
ClassicThesis	A "classically styled" thesis package	Miede	344
classif2	Biological classification tables	Shipunov	445
classlist	Record classes used in a document	Oberdiek	368
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	216
cleantesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	308
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
clefval	Key/value support with a hash	Henel	252
cleveref-usedon	Adds forward-referencing functionality to the cleveref package	Pistre	392
cleveref	Intelligent cross-referencing	Cubitt	186
clicks	Slide Deck Animation	Bugayenko	163
clip	A language-independent literate programming tool	Van Ammers, Kramer	131
clipboard	Copy and paste into and across documents	Lourenço de Lima	317
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	414
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	183
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	308
closefrm	Tidy up after reading a MetaPost file	Vieth	517
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	220
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	230
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	184
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	184
clrstrip	Place contents into a full width colour strip	Spratte	454
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	486
cluttex	An automation tool for running L <sup>A</sup> T <sub>E</sub> X	Arata	132
cm-afm	Adobe Font Metrics for the CM fonts	MacKay	331
cm-gf	Generate GF format for CM	Ramsdell	401
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	302
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	277

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	391
cm-mf	Sources of the Computer Modern fonts	Knuth	291
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	291
cm-super	CM-Super family of fonts	Volovich	519
cm-tfm	Metric files for the Computer Modern fonts	Knuth	291
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	382
cm	Computer Modern fonts	Knuth	291
cmactex	TeX for the Macintosh	Kiffe	282
cmap	Make PDF files searchable and copyable	Volovich, Krüger	520
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	203
cmastro	Font for planetary symbols	Unknown	501
cmathbb	Computer modern mathematical blackboard bold font	Chao	175
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	430
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	388
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	228
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	247
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	247
cmdstring	Get command name reliably	Noirel	365
cmdtrack	Check used commands	Downes	195
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	486
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	476
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	340
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	251
cmpica	A Computer Modern Pica variant	Hosek	260
cmpj	Style for the journal Condensed Matter Physics	Shvaika	445
cms4talks	Content Management System for Talks	Nebendahl	359
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	430
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	552
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	457
cmtest	CM fonts test sources	Knuth	291
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	552
cmtt	A package for handling the cmtt font better	Wooding	539
CM Type3	Type 3 outline versions of the CM fonts	Toal	493
cmupint	Upright integral symbols for Computer Modern	Stefanović	457
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	526
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	362
cnoweb	Simple "quality" printing of C sources	Fox	217
cntdwn	Support for countdowns, and for clocks in any timezone	Story	460
cntformats	A different way to read counters	Niederberger	362
cntperchap	Store counter values per chapter	Hupfer	263
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	441
code	Typeset "code" in verbatim	Ferguson	210
code128	Barcode macros for the Code 128 standard	Olšák	376
codeanatomy	Typeset code with annotations	Bùi	165
codebox	Highlighted source code in a fancy box	Geng	224
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	265
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	330
codepage	Support for variant code pages	Aubord	137
codesection	Provides an environment that may be conditionally included	Pospiech	394
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	479
coffeestains	Add coffee stains to documents	Bideault	151
collcell	Collect contents of a tabular cell as argument to a macro	Scharrer	426
collect	Collect text for later re-use	Sauer	425
collectbox	Collect and process macro arguments as boxes	Scharrer	426
collref	Collect blocks of references into a single reference	Beisert	147
colonequals	Colon equals symbols	Oberdiek	368
colophon	Provides commands for producing a colophon	Goodman	230
color-edits	Colorful edits for multiple authors of a shared document	Kempe	279
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	241
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	268
colorframed	Fix color problems with the package “framed”	Burnol	165
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	364
coloring	Define missing colors by their names	Hu	262
colorist	Write your articles or books in a colorful way	XU	542
colorprofiles	Collection of free ICC profiles	Preining	395
colors	Simple colour-selection commands	Knight	290
colorsep	Color separation	Rahtz	399
colospace	Provides PDF color spaces	Bezos López	320
colortab	Shade cells of tables and halign	Van Zandt, Voß	548
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	440
colorweb	Extend the color package colour space	Beach	143
colourchange	Colourchange	Bradley	159
combelow	Typeset “comma-below” letters, as in Romanian	Pignalberi	391
combine	Bundle individual documents into a single document	Robertson, Wilson	411
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	432
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	214
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	350
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	258
comicsans	Use Microsoft Comic Sans font	Pakin	380
comma	Formats a number by inserting commas	Carlisle	169
commado	Expandable iteration on comma-separated and filename lists	Lück	325
commath	Mathematics typesetting support	Putschögl	397
commentedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	514
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	130
comment	Selectively include/exclude portions of text	Eijkhout	202
comment_io	A Python script to comment and uncomment lines	Larsson	309
committee-font	A font designed by a committee	Unknown	501
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	398
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	159
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	527
compact-symbols	Compact lists of symbols	Sermutlu	440
compactbib	Multiple thebibliography environments	Lejay	313
compare	Compare two strings	McManus	341
competences	Track skills of classroom checks	Bares	140
complexity	Computational complexity class names	Bourke	158
components	Components of T <sub>E</sub> X	Schrod	434
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	381
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	465
computational-c...	Class for the journal Computational Complexity	Nüsken	367
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	251
concmath-fonts	Concrete mathematics fonts	Vieth	517
concmath-otf	Concrete based OpenType Math font	Flipo	215
concmath	Concrete Math fonts	Vieth	517
concprog	Concert programmes	Brodnik	161
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	249
concrete	Concrete Roman fonts	Knuth	291
ConDiTeXt	Define and manage conditional content	Brabant	159
confproc	A set of tools for generating conference proceedings	Verfaillie	512
consdiag	A utility for OO programming documentation	Algaba	130
constants	Automatic numbering of constants	Lejay	313
conseq	Typeset multiline continued equalities	Breitner	160
context-account	A simple accounting package	Schuster	436
context-algorit...	Algorithm handling in ConTeXt	Schuster	436
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	436
context-annotation	Annotate text blocks	Schuster	436
context-bnf	A BNF module for ConTeXt	Weibull	531
context-calenda...	Collection of calendars based on the PocketDiary-module	Egger	201
context-chromato	ConTeXt macros for chromatograms	Münster	355
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	355
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	355
context-collati...	Environment to place collating marks on the spine of a section	Egger	201
context-constru...	Construction plans in ConTeXt	Münster	355
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	225
context-degrade	Degrading JPEG images in ConTeXt	Münster	355
context-fancybreak	Overfull pages with ConTeXt	Schuster	436
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	333
context-fixme	Make editorial marks on a document	Schuster	436
context-french	Support for writing French in ConTeXt	Münster	355
context-fullpage	Overfull pages with ConTeXt	Schuster	436
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	406
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	345
context-handlecsv	Data merging for automatic document creation	Hajtmar, Rodríguez	243
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	355
context-interva...	Date driven lists or lists driven by date-intervals	Egger	202
context-layout	Show ConTeXt layouts	Gundlach	240
context-letter	ConTeXt package for writing letters	Schuster	437
context-lettrine	A ConTeXt implementation of letrines	Hoekwater, Flipo	256
context-lilypond	Lilypond code in ConTeXt	Creutzig	186
context-mathsets	Set notation in ConTeXt	Mahajan	333
context-notes-z...	Notes on using ConTeXt MkIV	Li	316
context-pocketd...	A personal organiser	Egger	202
context-rst	Process reStructuredText with ConTeXt	Gesang	225
context-ruby	Ruby annotations in ConTeXt	Schuster	437
context-sgf	A Go system in ConTeXt	Chen, Schuster	176
context-simplef...	Simplified font usage for ConTeXt	Schuster	437
context-simples...	A module for preparing presentations	Mahajan, Schmitz, Ramm	333
context-sudoku	Sudokus for ConTeXt	del Rio	407
context-taspresent	Simple presentations using ConTeXt	Schmitz	432
context-title	Place document titles	Schuster	437
context-top-ten	The ”top ten” ConTeXt commands	Corsair	185
context-transli...	Transliterate text from ‘other’ alphabets	Gesang	225
context-typearea	Something like Koma-Script typearea	Münster	356
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	437



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-URWGara...	ConTeXt support for URW Garamond font	Münster	356
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	256
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	333
context-visualc...	Visual display of ConTeXt counters	Mahajan	333
context	The ConTeXt macro package	Hagen	242
continue	Prints ‘continuation’ marks on pages of multipage documents	Wilson, Robertson	537
contour	Print a coloured contour around text	Harders, Høgholm	247
contracard	Generate calling cards for dances	Whited	532
conv-xkv	Create new key-value syntax	Story	460
convbkmk	Correct platex/uplatex bookmarks in PDF created with hyperref	Tanaka	475
convert	Generate Knuthian encoding for text files	Raichle	400
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	518
cooking	Typeset recipes	Reichert	404
cookingsymbols	Symbols for recipes	Harder	245
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	440
coolfn	Typeset long legal footnotes	Granet	234
coollist	Manipulate COnTent Oriented L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	440
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	440
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	222
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	380
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	541
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	479
coordsys	Draw cartesian coordinate systems	Hansen	244
copac-clean	Automatic editing of Copac/BibTeX records	Milanesi	345
coptic	Coptic Fonts	Rosmorduc	417
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	399
copypaste	Copy and paste into and across documents	Lourenço de Lima	317
copyrightbox	Provide copyright notices for images in a document	van der Flaas	214
corelfonts	An installation script for Corel Ventura fonts	McClelland	340
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	492
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	538
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	479
correctmathalign	Correct spacing of the alignment in expressions	Kieda	281
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	391
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	213
coseoul	Context sensitive outline elements	Teubner	482
couleurs-fr	French version of some colour definitions from xcolor	Pierquet	??
countito	Make use of count1 to count9	Schröder, Peischl	435
counterz	Additional tools for counters	McClain	340
countriesofeuropa	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	552
counttexruns	Count compilations of a document	Schneider	432
courier scaled	Provides a scaled Courier font	Schulz	436
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	264
courierten	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	346
courseoutline	Prepare university course outlines	Gall	222
coursepaper	Prepare university course papers	Gall	222
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	298
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	380



<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	454
cprog	Typeset C programs	McManus	341
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	215
cprotectinside	Use cprotect arbitrarily nested	user202729	509
cpssp	Draw protein secondary structures	Skala	449
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	299
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	528
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	551
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	280
create-struktex	Create struktex code	Lenser	315
create-theorem	Initializing and configuring theorem-like environments, with multi-lingual support	XU	542
crefthe	Cross referencing with proper definite articles	XU	542
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	553
crop	Support for cropmarks	Franz, Thomas	218
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	499
cropmark	Crop marks on \shipout	Eijkhout	202
cropmarks-pt	Philip Taylor's cropmarks macros	Taylor	476
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	476
crossrefenum	Smart typesetting of enumerated cross-references for various T <sub>E</sub> X formats	Dumont	198
crossreference	Crossreferences within documents	Filby	212
crossreftools	Expandable extraction of cleveref data	Hupfer	263
crossrefware	Scripts for working with crossref.org	Veytsman	514
crosstex	Bibliography management tool	Burgess, Sirer	165
crossword	Typeset crossword puzzles	Neugebauer	359
crosswrđ	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	278
crudetype	Line printer output from DVI files	Damerell	188
crumbs	Add a Navigation Path to the page header	Bugayenko	164
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	306
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	347
cryst	Font for graphical symbols used in crystallography	Müller	353
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	366
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	376
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	366
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	393
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	552
csname-doc	A list of plain.tex cs names	Unknown	501
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	376
cspfonts	Czech/Slovakian PostScript font support	Olšák, Wagner	376
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	183
csquotes	Context sensitive quotation facilities	Lehman, Wright	313
css-colors	Named colors for web-safe design	Buxbaum	167
CSTeX	Support for Czech/Slovak languages	Olšák	376
cstypo	Czech typography rules enforced through LuaT <sub>E</sub> X hooks	Haisman	242
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	355
csvmerge	Merge T <sub>E</sub> X code with csv data	Taylor	476

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
csvsimple	Simple CSV file processing	Sturm	464
csvtolatex	Link spread sheets to L <sup>A</sup> T <sub>E</sub> X	Pietsch	391
csvtools	Reading data from CSV files	Talbot	470
csx	Computer Sanskrit/(Extended) coding support on MS-DOS	Wujastyk, Friedlander	541
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	190
ctablestack	Catcode table stable support	L <sup>A</sup> T <sub>E</sub> X Team	486
ctan-bibdata	Bibliography data for all CTAN packages	Voß	520
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	359
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	154
ctanbib	Export CTAN entries to bib format	Hoftich	258
ctanify	Prepare a package for upload to CTAN	Pakin	380
CTAN tools	A jiffy to search CTAN file list	Huynh	264
ctanupload	Support for users uploading to CTAN	Scharrer	426
ctex-faq	L <sup>A</sup> T <sub>E</sub> X FAQ by the Chinese T <sub>E</sub> X Society (ctex.org)	Wu	541
ctex	L <sup>A</sup> T <sub>E</sub> X classes and packages for Chinese typesetting	Lee, Liu, Huang, Zeng, Lee, Chou, Zhang, Wu, Jiang, Wang, Li, Chen	311
ctib4tex	Tibetan for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X2e	Corff	184
ctie	C version of tie (merging Web change files)	Gilbey	226
cuisine	Typeset recipes	Cohen	182
cun	A cuneiform font	Grant	234
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	416
currency	Format currencies in a consistent way	Lejay	314
currfile	Provide file name and path of input files	Scharrer	426
currvita	Typeset a curriculum vitae	Reichert	404
curlatex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	168
cursor	Draw a cursor in an equation	Spit	453
CurVe	A class for making curriculum vitae	Verna	513
curve2e	Extensions for package pict2e	Beccari	144
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	Maclaine-Cross	332
custom-bib	Customised BibT <sub>E</sub> X styles	Daly	188
customdice	Simple commands for drawing customisable dice	Rowlett	420
cuted	Mixing onecolumn and twocolumn modes	Tolušis	493
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	537
cv	A package for creating a curriculum vitae	Maier	333
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	232
cvss	Compute and display CVSS base scores	Vivegnis	518
CVsty	Yet another style for easy CV pagination	Pereira	388
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	434
cweb	A Web system in C	Knuth, Scherer, Levy	293
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	428
cweb-hy	Insert hyperlinks for included files	Melendez	343
cwebx	A system for Structured Software Documentation in C	van Leeuwen	312
cyber	Annotate compliance with cybersecurity requirements	Jennings	270
cybercic	“Controls in Contents” for the cyber package	Jennings	270
cyklop	The Cyclop typeface	Nowacki	367
cyriot	A script which was used on Cyprus for writing Greek	Wilson	535
cyriote	A font for ancient Cyriot Greek inscriptions	Stanier	456
cyrguide	Documentation of L <sup>A</sup> T <sub>E</sub> X Cyrillic-alphabet features	Volovich, Lemberg, L <sup>A</sup> T <sub>E</sub> X Team	520
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	276
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	147
cyrtug	EmT <sub>E</sub> X as distributed by CyrTUG	Goossens	231
czhyph	Hyphenation patterns for Czech	Unknown	501

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	314
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	244
dancers	Font for Conan Doyle's "The Dancing Men"	Stanier	456
dante-book-reviews	Book reviews published in DANTE's journal	Faulhammer	210
dantelogo	A font for DANTE's logo	Voß, Höppner	524
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	190
dashbox	Draw dashed boxes	Thomas	491
dashrule	Draw dashed rules	Pakin	380
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	348
dateref	Manage references to experimental data	Dietrich	193
datatool	Tools to load and manipulate data	Talbot	470
datatooltk	A Java GUI for preparing datatool input	Talbot	470
datax	Import individual data from script files	Gustavsson	241
dateiliste	Extensions of the \listfiles concept	Ebermann	200
datenumbr	Convert a date into a number and vice versa	Schröder	435
datepicker-pro	Create a popup datepicker using SWF	Story	460
dates	Macros for parsing date strings	Bennett	149
dates209	Flexible date macros	Clark	181
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	501
datetime	Change format of \today with commands for current time	Talbot	470
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	470
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	474
datetime2-breton	Breton language module for the datetime2 package	Talbot	470
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	470
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	470
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	474
datetime2-czech	Czech language module for the datetime2 package	Talbot	470
datetime2-danish	Danish language module for the datetime2 package	Talbot	470
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	470
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	470
datetime2-english	English language module for the datetime2 package	Talbot	470
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	470
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	471
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	510
datetime2-french	French language module for the datetime2 package	Talbot, Patience	475
datetime2-galician	Galician language module for the datetime2 package	Talbot	471
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	474
datetime2-greek	Greek language module for the datetime2 package	Talbot	471
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	471
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	471
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	471
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	198
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	474
datetime2-latin	Latin language module for the datetime2 package	Talbot	471
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	471
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	471
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	471
datetime2-polish	Polish language module for the datetime2 package	Talbot	471
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	471
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	475
datetime2-russian	Russian language module for the datetime2 package	Talbot	471
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	471
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	471
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	475

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	471
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	471
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	472
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	472
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	472
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	475
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	472
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	472
datetime2	Formats for dates, times and time zones	Talbot	470
dayofweek	Calculate day of week, phase of moon	Minow	346
DayRoman	The Day Roman typeface	Schmidt, Harcombe	430
daytime	Print time of day	Orlandini, Greenwade	377
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	382
dblfloatfix	Fixes for twocolumn floats	Høgholm	259
dblfnote	Double-column footnotes	Nakashima	358
dblfont	Blackboard bold font package	Bosisio	156
DB_process	Process database output	Eijkhout	202
dbshow	A package to store and display data with custom filters, orders, and styles	Li	316
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	139
dco	Use the DC fonts with old-style numerals	Kirsch	284
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	420
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	397
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	332
de-macro	Expand private macros in a document	Gács	222
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	469
decision-table	An easy way to create Decision Model and Notation decision tables	Vandevelde, Pantigny	510
declare	Declare register names locally	Pittman, Burleson	393
decorule	Decorative swelled rule using font character	Flynn	216
decsci	BibTeX style for the journal Decision Sciences	Rubin	422
dectab	Align columns on a decimal point	Franklin	218
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	271
deflist	A variation on the description environment	Unknown	501
defoldfonts	Define old font commands	Kohm	294
defstring	Define macros as verbatim macros	Unknown	501
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	356
dehyph-exptl	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	315
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	315
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	520
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	209
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	529
delim	Simplify typesetting mathematical delimiters	Majewsky	333
delimseasy	Delimiter commands that are easy to use and resize	Graham	233
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	147
delimtxt	Read and parse text tables	Pedersen	386
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	221
denisbdoc	A personal dirty package for documenting packages	Bitouzé	152
deproc	Macros for DECUS proceedings articles	Beeton	147
derivative	Nice and easy derivatives	Jensen	271
desclist	Extended “description” lists	Rozhenko	420

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
designcon	Develop DesignCon papers	Pupalaikis	396
detex	Strip T <sub>E</sub> X from a source file	Trinkle	495
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	240
devanagari-omega	Typeset Devanagari with Omega	Unknown	501
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	527
development	BibTeX style file for the journal Development	Eglen	202
dfgproposal	Support for writing proposals to the DFG	Kohlhase	294
dhua	German abbreviations using thin space	Lück	325
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	238
diadia	Package to keep a diabetes diary	Kleber	285
diagbox	Table heads with diagonal lines	Liu	318
diagmac	A diagram drawing package	Reynolds	406
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	482
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	184
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	226
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	484
diagxy	Diagram macros by Michael Barr	Barr	140
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	195
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	466
dice	A font for die faces	Heim	249
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	472
dictsym	DictSym font and macro package	Schmidt, Harcombe	430
diffcoeff	Write differential coefficients easily and consistently	Parsloe	384
digestif	Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConTeXt etc.	Stoffel	459
digicap-pro	Creates captions to digital photos	Story	460
digiconfigs	Writing “configurations”	Madsen	332
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	477
dimnum	Commands for dimensionless numbers	Clemente	181
din1505	Bibliography styles for German texts	Lorenzen, Baumann	323
dinat	Bibliography style for German texts	Baumann	142
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	252
directory	An address book using BibTeX	Geuzaine	225
directtex	TeX for the Macintosh	Ricken	407
dirtree	Display trees in the style of windows explorer	Charpentier	175
dirtytalk	A package to typeset quotations easier	Klammler	285
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	301
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	498
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	334
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	514
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	549
dk-bib	Danish variants of standard BibTeX styles	Jørgensen	272
dkhyphen	Danish hyphenation patterns	Jensen	270
dktools	Tools and libraries by Dirk Krause	Krause	299
dlfltxb	Macros related to “Introduktion til L <sup>A</sup> T <sub>E</sub> X”	Madsen	332
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	465
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	502
dnaseq	Format DNA base sequences	Pedersen	386
do-it-yourself-tex	Back to Plain XeTeX	Herz-Fischler	254
doafter	Do things after a group	Wooding	539
doc-pictex	A summary list of PicTeX documentation	Lück	325
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	349



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
docarc	Multi-user distributed bibliographic database system	Kieling	282
docassembly	Use the Acrobat JavaScript API	Story	461
docbytex	Creating documentation from source code	Olšák	376
doclicense	Support for putting documents under a license	Schneider	432
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	411
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	495
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	349
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	394
documentation	Documentation support for C, Java and assembler code	Morales	350
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	345
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	514
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	451
doipubmed	Special commands for use in bibliographies	Talbot	472
domitian	Drop-in replacement for Palatino	Miller	346
dos-dc	A distribution of the DC fonts for emTeX	Schleicher, Schwarz	429
dosepsbin	Deal with DOS binary EPS files	Oberdiek	368
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	433
dotlessi	Provides dotless i's and j's for use in any math font	Bezós López	320
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	299
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	502
doublepace	Double space environment	Page	379
doublestroke	Typeset mathematical double stroke symbols	Kummer	304
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	502
dow	Calculate day of week from a numeric date	Unknown	502
dowith	Apply a command to a list of items	Lück	325
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	447
dox	Extend the doc package	Verna	513
dozenal	Typeset documents using base twelve numbering (also called "dozenal")	Goodman	231
DPcircling	Decorated text boxes using TikZ	Mitsuaki	347
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	461
drac	Declare active character substitution, robustly	Henel, Noirel	253
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	519
draftfigure	Replace figures with a white box and additional features	Bossert	157
drafthead	Mark "DRAFT" in page headers	Page	379
draftmark	Put draft marks on selected pages	Musa	357
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	466
dramatist	Typeset dramas, both in verse and in prose	Dominici	194
dratex	General drawing macros	Gurari	241
Drawing-with-Me...	How to draw technical diagrams with MetaPost	Thurston	491
drawing	Simple drawings with Metafont	Wagner	526
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	387
drawstack	Draw execution stacks	Moy	352
drcaps	Simple dropped capitals	Shipunov	445
drftcite	Print the bibliography in "draft" mode	Arseneau	134

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	350
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	423
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	168
dropcaps	Use dropped capitals to start a paragraph	Lauwers	310
dropping	Drop first letter of paragraphs	Dahlgren	187
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	193
drv	Derivation trees with MetaPost	Méhats	342
dspticks	Macros for Digital Signal Processing plots	Prandoni	395
DSSerif	A double-struck serif font for mathematical use	Sharpe	441
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	360
dtk-bibliography	Bibliography of “Die T <sub>E</sub> Xnische Komödie”	Ziegenhagen	552
dtk	Document class for the journal of DANTE	Voß, Niepraschk	525
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	493
dtxdescribe	Describe additional object types in dtx source files	Dunn	199
DTX gallery	A small collection of minimal DTX examples	Robertson	409
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	190
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	380
ducksay	Draw ASCII art of animals saying a specified message	Spratte	454
duckuments	Create duckified dummy content	Spratte	454
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	272
duerer	Computer Duerer fonts	Hoenig	256
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	247
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	391
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	441
dvdcoll	A class for typesetting DVD archives	Kleber	285
dvgloss	Facilities for setting interlinear glossed text	Velleman	512
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	493
dvgtk	Tektronix 401x DVI previewer	Cholewo	179
dvi-economic	Save paper while printing	Verhoeven	513
dvi2bitmap	Utility to convert T <sub>E</sub> X DVI files directly to bitmaps	Gray	235
dvi2ln3	LN03 driver based on DVItyp	Rose	416
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	317
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	361
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	179
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	440
dvibook	Utilities for manipulating DVI files	Duggan	198
dvichk	List the page numbers in a DVI file	Esken	206
dviconcat	Concatenates DVI files	Unknown	502
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	160
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, T <sub>E</sub> XLive	415
dvii	Extract information from a DVI file	Lewenberg	315
dviincl	Include a DVI page into MetaPost output	BOP	155
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	543
dviljk	DVI to Laserjet output	Berry, Schrod, T <sub>E</sub> XLive	150
dvimerge	Merge two DVI files together	Rahtz	399
dviout	TeX previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	494
dvipaste	DVI manipulation	MacKay, Spivak	331
dvipdfm	A DVI driver to produce PDF directly	Wicks	533
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, L <sup>A</sup> T <sub>E</sub> X Team	179
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	309

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dvips-os2	OS/2 dvips	Kim	283
dvips-shell	A dvips Shell for MS-Windows32	Unknown	502
dvips	A DVI to PostScript driver	Rokicki, T <sub>E</sub> XLive	415
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	368
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	302
dvipsk	Convert DVI to PostScript	Rokicki, Berry	415
dvisirule	Superimpose the covered hline and vline in a L <sup>A</sup> T <sub>E</sub> X tabular/colortbl environment	Senju	440
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	497
dvisun	DVI viewer for Sun2 systems	Hutchinson	264
dvisvgm-def	Colour and Graphics support for dvisvgm	L <sup>A</sup> T <sub>E</sub> X Team	486
dvisvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesecking	226
DVItolN03	DVI output to Digital LN03 printer	Hamilton Kelly	278
dvitops	A DVI driver for PostScript output	Clark	181
dvitty	A plain-text output DVI driver	Lindahl	317
dvitype	Type out the content of a DVI file	Knuth	291
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	274
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	440
dynamicnumber	Dynamically typeset numbers and values in L <sup>A</sup> T <sub>E</sub> X through “symbolic links”	Pieters	390
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	211
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	181
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	340
dyntree	Construct Dynkin tree diagrams	Setzer	440
<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	376
ean13isbn	Print EAN13 for ISBN	Wagner	526
easing	easing functions for pgfmath	Loh	319
easy-todo	To-do notes in a document	Rada-Vilela	398
easy	A collection of easy-to-use macros	Bertolazzi	150
easybib	Simple syntax for custom bibliographies	Bertolazzi	151
easybmat	Block matrices	Bertolazzi	151
easybook	Easily typesetting Chinese theses or books	Yi	546
easyeqn	A simple package for writing equations	Bertolazzi	151
easyfig	Simplifying the use of common figures	Scharrer	426
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	552
easyformat	Easily add boldface, italics and smallcaps	Provoost	396
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	440
easylist	Lists using a single active character	Isambert, Robbers	265
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	337
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	403
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	479
ebib	BibTeX database manager for GNU Emacs	Kremers	300
ebnf	Simple package for EBNF productions	Cugley	186
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	139
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	457
ebproof	Formal proofs in the style of sequent calculus	Beffara	147

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ebsthesis	Typesetting theses for economics	Baecker	138
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	476
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	290
ecards	Electronic flash cards	Story	461
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	430
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	144
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	425
ec1tree	Trees using epic and eepic macros	Isozaki	266
eco	Oldstyle numerals using EC fonts	Kirsch	285
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	470
econlipsum	Generate sentences from economic articles	Coleman	182
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	297
economic	BibT <sub>E</sub> X support for submitting to Economics journals	Henningsen, Wigle	254
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	413
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	388
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	241
eczar	A font family supporting Devanagari and Latin script	Unknown	502
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	294
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	268
edfnotes	Critical annotations to footnotes with ednotes	Lück	325
edichokey	Typeset dichotomous identification keys	Yang	544
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	224
edmac	Typeset critical editions	Lavagnino, Wujastyk	310
edmargin	Multiple series of endnotes for critical editions	Burt	166
ednotes	Typeset scholarly editions	Lück	325
eehyph	Hyphenation patterns for the Estonian language	Saar	423
eemeir	Adjust the gender of words in a document	Hansen	244
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	305
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	334
eforms	eForm support for the AcroT <sub>E</sub> X bundle	Story	461
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	407
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	378
egothic	Early Gothic manuscript book-hand font	Wilson	535
egpeirce	Draw existential graphs invented by Charles S. Peirce	Nikulainen	365
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	396
ehhline	Extend the \hhline command	Paciorek	379
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	354
eiad	Traditional style Irish fonts	Derzhanski	192
eijkhout	Victor Eijkhout's packages	Eijkhout	202
einfart	Write your articles in a simple and clear way	XU	542
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	520
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	520
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	365
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafai	423
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	264
ekdosis	Typesetting TEI-xml compliant Critical Editions	Alessi	129
EkType-Tanka	Devanagari fonts by EkType	Unknown	502
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	308
electrumadf	Electrum ADF fonts collection	Rees	403

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eledform	Define textual variants	Rouquette	418
eledmac	Typeset scholarly editions	Rouquette	419
eledpar	Typeset scholarly editions in parallel texts	Rouquette	419
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	191
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	362
elhyphen	Hyphenation for Greek text	Filippou	212
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	313
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	254
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	469
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	281
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	398
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	398
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	222
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	159
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	548
emarks	Named mark registers with e-TeX	Chervet	177
embedall	Embed source files into the generated PDF	Sartori, Lichti	424
embedfile	Embed files into PDF	Oberdiek	369
embrac	Upright brackets in emphasised text	Niederberger	362
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	413
emf	Support for the EMF symbol	Jørgensen	272
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	447
emo	Emoji for all (L <sup>A</sup> T <sub>E</sub> X engines)	Grimm	238
emoji	Emoji support in (Lua)LaTeX	Zeng	549
emojicite	Add emojis to citations	Sixt	448
emp	"Encapsulate" MetaPost figures in a document	Ohl	375
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	259
emptypage	Make empty pages really empty	Wette	532
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	337
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	518
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	489
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	376
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	527
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	229
endheads	Running headers of the form "Notes to pp.xx-yy"	Burt	166
endiagram	Easy creation of potential energy curve diagrams	Niederberger	362
endnote	Generic "endnotes" code	Unknown	502
EndNote2bib	Convert EndNote files to BibTeX	Mathar	336
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	461
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	224
endnotesj	Japanese-style endnotes	Yamashita	543
endofproofwd	An "end of proof" sign	Jensen	271



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
engord	Converts numbers to English ordinal numbers	Oberdiek	369
engpron	Helps to type the pronunciation of English words	Henel	252
engrec	Enumerate with lower- or uppercase Greek letters	Henel	252
engtlc	Support for users in Telecommunications Engineering	Fiandrino	211
engwar	Font for typesetting Tolkien Engwar script	Urban	508
enigma	Encrypt documents with a three rotor Enigma	Gesang	225
enotez	Support for end-notes	Niederberger	362
enparen	Consistent nested brackets	Oberdiek	369
enpassant	Enpassant chess font support	Fischer	214
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	320
enumspec	Enumerate with extra leading character for labels	Greenwade	236
envbig	Printing addresses on envelopes	Manda, Sherman	334
envelope	Print envelopes	Sherman	444
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	409
envlab	Addresses on envelopes or mailing labels	Veytsman	514
envmath	Maths commands and environments	Bosisio	157
eolang	Formulas and graphs for the EO programming language	Bugayenko	164
eolgrab	Catch arguments delimited by end of line	Oberdiek	369
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	393
Epigrafica	A Greek and Latin font	Tsolomitis	496
epigram	Display short quotations	Hosek	260
epigraph-keys	Epigraphs using key values	McKay	340
epigraph	A package for typesetting epigraphs	Robertson, Wilson	411
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	467
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	264
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	150
epmtfe	TeX environment for OS/2	Schmidt	429
epstein-trees	Macros for producing trees	Eppstein	205
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	268
epsdice	A scalable dice "font"	Heim	249
epsf-dvipdfmx	Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	275
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	415
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	400
epsfig209	Obsolete graphics inclusion macros	Whaite	532
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	320
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	403
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	300
epspdf-setup	epspdf with GUI installer	Kroonenberg	300
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	300
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	146
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	308
epstopdf-pkg	Call epstopdf "on the fly"	Oberdiek	369
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	533
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	461
eq-pin2corr	Add PIN security to the "Correct" button of a quiz created by exerquiz	Story	461
eq-save	Save exerquiz quizzes and resume	Story	461
eq2db	Convert a quiz to one submitted to a server-side script	Story	461
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	212
eqexam	A stand-alone exam package	Story	461

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
eqexpl	Align explanations for formulas	Morenko	351
eqlist	Description lists with equal indentation	Väth	511
eqmark	Generalise facilities for marking equation arrays	Nitschke	365
Eqmlite/Free	TeX system and PDF support for Linux and OS/2	MicroPress	344
eqnalign	Make eqnarray behave like align	Hejda	250
eqname	Name tags for equations	Neugebauer	359
eqnarray	More generalised equation arrays with numbering	Winkler	538
eqnarray209	A fix for L <sup>A</sup> T <sub>E</sub> X 2.09 eqnarray	Jones	272
eqnnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	228
eqparbox	Create equal-widthed parboxes	Pakin	380
equationauthor	Visual equation editor	Manhiça	334
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	514
erewhon-math	Utopia based OpenType Math font	Flipo	215
erewhon	Font package derived from Heuristica and Utopia	Sharpe	441
errata	Error markup for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	294
erw-13	Utilities based on L <sup>A</sup> T <sub>E</sub> X3	Rogard	414
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	343
escapeTeXt	Make plain text safe for use in L <sup>A</sup> T <sub>E</sub> X	Hefferon	249
esdiff	Simplify typesetting of derivatives	Saudrais	424
esieecv	Curriculum vitae for French use	Bayart	143
esindex	Typset index entries in Spanish documents	Bezós López	320
esint-type1	Font esint10 in Type 1 format	Nikunen	365
esint	Extended set of integrals for Computer Modern	Saudrais	424
esk	Package to encapsulate Sketch files in L <sup>A</sup> T <sub>E</sub> X sources	Kazimiers	278
eskd	Modern Russian typesetting	Fyodorov	222
eskdX	Modern Russian typesetting	Korikov	298
eslides	An option for article style to make slides	Denk	191
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	364
esperant	Style option for writing Esperanto texts	Knappen	289
espo	Customisation for Esperanto	Unknown	502
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	405
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	441
estcpmm	Style for Munitions Management Project Reports	Veytsman	514
esvect	Vector arrows	Saudrais	424
et	TeX-compatible editor	Collins	183
etaremun	Reverse-counting enumerate environment	Adriaens	128
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	441
etdipa	Simple, lightweight template for scientific documents	Laube	309
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	369
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	417
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	454
etoc	Completely customisable TOCs	Burnol	165
etoolbox-de	German translation of documentation of etoolbox	Enderling	204
etoolbox	e-TeX tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	313
etruscan	Fonts for the Etruscan script	Wilson	535
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	190
euclideangeometry	Draw geometrical constructions	Beccari	144

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	410
euflag	A command to reproduce the flag of the European Union	Flynn	216
eukdate	UK format dates, with weekday	Moschou	351
eukleides	A geometry drawing system	Obrecht	374
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	215
euler	Use AMS Euler fonts for math	Jensen	271
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	378
eulervm	Euler virtual math fonts	Schmidt, Harcombe	430
euproposal	A class for preparing FP7 proposals	Kohlhase	294
euro-ce	Euro and CE sign font	de Wijn	533
euro	Provide Euro values for national currency amounts	Franz	218
eurofont	Provides a command that prints a euro symbol	McDonnell	340
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	429
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	339
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	518
europs	Access to Adobe's Euro currency symbol fonts	Clausen	181
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	430
eurosym	Metafont and macros for Euro sign	Theiling	490
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	127
euxunicode	Generate Unicode characters from accented glyphs	Robertson	409
Evangelion-JFM	A Japanese font metric supporting many advanced features	Huang	262
evautofl	Pages with cut lines and punch marks	Vicentini	516
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	435
everyshi	Take action at every \shipout	Schröder, Peischl	435
evweek	Weekly calendar	Vicentini	516
exam-lite	Quicker preparation of exams in L <sup>A</sup> T <sub>E</sub> X	Kukovec	303
exam-n	Exam class, focused on collaborative authoring	Gray	235
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	240
exam	Package for typesetting exam scripts	Hirschhorn	256
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	236
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	434
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	469
exams	Typeset exam questions	van der Meer	342
examz	Randomized exams with multiple versions	McClain	340
excalibur	Macintosh spell checker	Zaccone	547
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	334
Excltex	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	328
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	389
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	463
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	279
exercises	Typeset exercises and solutions with automatic addition of points	Jud	274
exerquiz	Environments for defining exercises and quizzes	Story	461
exesheet	Typesetting exercise or exam sheets	Missier	347
exframe	Framework for exercise problems	Beisert	147
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	200
expdlist	Expanded description environments	Hülse, Kaspar	263
expex-acro	Wrapper for the expex package	Matter	337
expex	Linguistic examples and glosses, with reference capabilities	Frampton	218

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
expkv-bundle	An expandable key=val implementation and friends	Spratte	454
expkv-cs	Define expandable key=val macros using expkv	Spratte	454
expkv-def	A key-defining frontend for expkv	Spratte	454
expkv-opt	Parse class and package options with expkv	Spratte	454
expkv	An expandable key=val implementation	Spratte	454
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	486
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	252
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	535
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	348
exsheets	Create exercise sheets and exams	Niederberger	362
exsol	Exercises and solutions from the same source, into a book	Daems	187
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	264
extdash	A range of dash commands for compound words	Rozhenko	420
exteps	Include EPS figures in MetaPost	Jørgensen	272
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	261
extradefs	A miscellany of support macros	McPherson	341
extsizes	Extend the standard classes' size options	Kilfiger, May	283
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	539
facsimile	Document class for preparing faxes	Bronger	161
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	548
facture-belge-s...	Simple Belgian invoice without VAT	Sebille	438
facture	Generate an invoice	Rouquette, Gombin, Deparis	419
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	280
fail-fast	Turn warnings into errors	Bugayenko	164
fakebold	A simple macro for faking bold fonts	Unknown	502
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	200
faltblat	Making Leaflets	Klöckl	288
familytree	Draw family trees	Senju	440
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	176
fancybox	Variants of \fbox and other games with boxes	Van Zandt	548
fancy chapters	Chapters with quotations	Heitkoetter	250
fancyfolien	Fancyhdr outline for German readers	Steffani	457
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	219
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	377
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	377
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	446
fancynum	Typeset numbers	Green	236
fancypar	Decoration of individual paragraphs	Medina Arellano	133
fancyqr	Fancy QR-Codes with TikZ	Sihler	447
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	404
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	329
fancytabs	Fancy page border tabs	Pinson	392
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	335
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	549
fandol	Four basic fonts for Chinese typesetting	Ma	331

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	401
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martín	336
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	289
fascicules	Create mathematical manuals for schools	Moritz	351
fast-diagram	Easy generation of FAST diagrams	Allais	131
fastpictex	Simple specification of PicTeX diagrams	Stauss	457
fax	Document class for preparing faxes	Rhebergen, de Jonge	406
fbf	A free Bembo-like font	Sharpe	441
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	520
fbs	BibTeX style for Frontiers in Bioscience	Suckale	465
fc-arith	Create an arithmetic flash card	Story	461
fc	Fonts for African languages	Knappen	289
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	274
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	433
fcltxdoc	Macros for use in the author's documentation	Chervet	177
fcolumn	Typesetting financial tables	Olthof	377
fdsymbol	A maths symbol font	Ummels	499
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	549
featpost	MetaPost macros for 3D	Gonçalves	230
fei	Class for academic works at FEI University Center – Brazil	De Rizzo Meneghetti	343
FenetreCas	Commands for CAS-like windows (Xcas or Geogebra) in TikZ	Pierquet	389
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	408
feplatex	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	415
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	461
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	347
feyn	A font for in-text Feynman diagrams	Gray	235
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	315
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	375
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	237
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	164
ffslides	Freeform slides based on the article class	Wolters	539
fge	A font for Frege's Grundgesetze der Arithmetik	Green	236
fgruler	Draw rulers on the foreground or in the text	Tómacs	494
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	276
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	366
fibnum	Generate Fibonacci numbers	Oberdiek	369
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	325
fifinddo	Filtering files using T <sub>E</sub> X	Lück	325
fifo-stack	FIFO and stack implementation for package writers	Gaito	222
fig2eng	Convert fig files to English	Tobin	493
fig2lat	Convert .fig files to vector graphics	Krause	299
fig2mf	Convert fig output to Metafont	Starks	457
fig2mfpic	Convert fig output to mfpic	Tobin	493
fig2sty	Use fig as layout designer for L <sup>A</sup> T <sub>E</sub> X	Rohner	415
fig2vect	Yet another Fig to vector converter	Krause	300
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	479
FigBib	Organize figure databases with BibTeX	Poland	393
figcaps	Collect figure captions for later printing	Daly	188



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
figchild	Pictures for creating children's activities	de Souza Bastos	453
figflow	Flow text around a figure	Hutchinson	263
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	548
figput	Create interactive figures in L <sup>A</sup> T <sub>E</sub> X	Fairman	208
figsinltx	A tutorial on figures in L <sup>A</sup> T <sub>E</sub> X 2.09	Goel	229
FigSize	Auto-size graphics	Tanbakuchi	475
fihyph	Hyphenation patterns for Finnish language	Hellgren	250
filecontents	Create an external file from within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	380
filecontentsdef	filecontents + macro + verbatim	Burnol	165
filedate	Access and compare info and modification dates	Lück	325
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	347
filehdr	Self-descriptions in file headers	Beebe	146
filehook	Hooks for input files	Scharrer	426
fileinfo	Enhanced display of L <sup>A</sup> T <sub>E</sub> X File Information	Lück	326
filemod	Provide file modification times, and compare them	Scharrer	426
fillform	Typeset answers to overprint on printed forms	Wagner	526
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	359
findhyph	Find hyphenated words in a document	Budaj	163
FiNK	The L <sup>A</sup> T <sub>E</sub> X2e File Name Keeper	Verna	513
Finomaton	Comfortably draw and typeset finite state machines	Triska	495
finplain	A Finnish version of plain.bst	Kaijanaho	275
finstrut	Adjust behaviour of the ends of footnotes	Lück	326
fira	Fira fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
firamath-otf	Use OpenType math font Fira Math	Voß	520
firamath	Fira sans serif font with Unicode math support	Zeng	550
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	249
first-packages	A short list of go-to L <sup>A</sup> T <sub>E</sub> X packages, aimed at a beginner	Hefferon	249
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	234
fistrum	Access to 150 paragraphs of Lorem Fistrum very dummy text	Davó	189
fitbox	Fit graphics on a page	Veytsman	515
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	366
FitR	Set a rectangular destination and jump to it	Story	461
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	431
fix2col	Fix miscellaneous two column mode features	Carlisle	169
fixbbl	Patch bibliographies inappropriately broken by BibTeX	Stajano	456
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	237
fixdif	Macros for typesetting differential operators	Zhang	550
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	207
fixjfm	Fix JFM (for *pTeX)	Zhang	550
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	517
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	486
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	430
FixMe	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	513
fixmetodonotes	Add notes on document development	Barabucci	140
fixocgx	Add support for dvips+ps2pdf, X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X, dvipdfmx to the ocgx package	Grahn	233
fixpdfmag	Fix magnification in pdfTeX	Bezos López	320
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	449
fjodor	A selection of layout styles	Filipović	212
flabels	Labels for files and folders	Börchers	155

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
flacards	Generate flashcards for printing	Stuhrmann	464
flagderiv	Flag style derivation package	van Tilburg	492
flags	Setting and clearing of flags in bit fields	Oberdiek	369
flashcard	Typeset flash cards	Kilfiger	282
flashcards	A class for typesetting flashcards	Budge, Vernon	163
flashmovie	Directly embed flash movies into PDF files	Hartmann	248
flatex	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Har-Peled	244
flatten	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Wilson	535
fldigial	Create a Flash slide show of digital photos	Story	461
flexipage	Flexible page geometry with marginalia	Vrba	525
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	259
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	163
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	168
float	Improved interface for floating objects	Lingnau	318
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	290
floatflt	Wrap text around floats	Dahlgren	187
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	400
floatpag	Different pagestyles on float pages	Statulevičius	457
floatrow	Modifying the layout of floats	Lapko	309
flow	Draw flow diagrams in picture mode	Brown	162
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	413
flowfram	Create text frames for posters, brochures or magazines	Talbot	472
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	472
fltpage	Place caption on an adjacent page	Gross	238
fltpoint	Simple floating point arithmetic	Guthöhrlein	241
flushend	Balancing columns at last page	Tolušis	493
fmp	Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	302
fmtcount	Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats	Talbot, Belaïche	474
fn2end	Convert footnotes to endnotes	Border	156
fnbreak	Warn for split footnotes	Harders	245
fnchap	Seven predefined chapter heading styles	Lindgren	317
fnclab	Alter the format of \label references	Fairbairns, Carlisle	207
fnlineno	Number the lines of footnotes	Lück, Wette	327
fnote	Auto-numbered footnotes in Plain T <sub>E</sub> X	Unknown	502
fnpara-pln	Footnotes in paragraphs	Wujastyk	541
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	420
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	362
fnpos	Control the position of footnotes on the page	Nakashima	358
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	549
fntguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font commands	L <sup>A</sup> T <sub>E</sub> X Team	486
fntproof	A programmable font test pattern generator	Luecking	328
fnumprint	Print a number in 'appropriate' format	Schneider	433
foekfont	The title font of the Mads Føk magazine	Jørgensen	273
foilhtml	Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML	Veytsman	515
foiltex	A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies	Hafner	241
foliono	Use folio numbers to replace page numbers	Syrjänen	467
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	273
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	192
font-change	Macros to change text and mathematics fonts in plain T <sub>E</sub> X	Dhawan	192
font_selection	Font selection for plain T <sub>E</sub> X	de Wijn	533
fontawesome	Font containing web-related icons	Danaux, Gandy	188
fontawesome5	Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support	Krüger	301
fontaxes	Additional font axes for L <sup>A</sup> T <sub>E</sub> X	Bühmann, Ummels	165
fontbl	A font sampler	Beeman, MacKay	146

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fontbook	Generate a font book	Pinson	392
fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X	Medina	342
fontchart	A font sampler	Lemberg	314
fonteinf	An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)	Bezos López, Ruedas	323
fontenc	Standard package for selecting font encodings	L <sup>A</sup> T <sub>E</sub> X Team	486
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	251
fontinstallatio...	Font installation guide	Lehman	312
fontload	A partial font downloading utility	Malyshev	334
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	214
fontmizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	198
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	150
fontools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	387
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	276
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	301
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	276
fontssampler	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	216
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	496
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	496
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	510
fontsmpl	Print a sample of a font	Jeffrey	270
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	410
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	411
fontwrap	Bind fonts to specific unicode blocks	Kamermans	275
footbib	Bibliographic references as footnotes	Domenjoud	194
footmisc	A range of footnote options	Fairbairns, Mittelbach	208
footmiscx	A range of footnote options	Roucariès	418
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X's footnote handling	Wooding	539
footnotebackref	Back-references from footnotes	Lange	308
footnotehyper	hyperref aware footnote.sty	Burnol	165
footnoterange	References to ranges of footnotes	Münch	353
footnpag	Per-page numbering of footnotes	Schrod	434
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	435
foreign	Systematic treatment of 'foreign' words in documents	Ratcliffe	402
forest-quickstart	Quickstart Guide for Linguists package "forest"	Vanden Wyngaerd	541
forest	Drawing (linguistic) trees	Živanović	552
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	345
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	440
formal-grammar	Typeset formal grammars	Vassor	511
format	Format a counter as a fixed-point number	Karney	276
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	232
formlett	Letters to multiple recipients	Jiang	271
forms16be	Initialize form properties using big-endian encoding	Story	461
formula	Typesetting physical units	Tille	492
formular	Create forms containing field for manual entry	Wirth	538
fortran	Print Fortran programs	Toby	493
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
fotex	Process XSL-FO	Rahtz	399
fouridx	Left sub- and superscripts in maths mode	Karrmann	277
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	549
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	218
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibTeX	Frambach	218
fp	Fixed point arithmetic	Mehlich	342

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fpl	SC and OsF fonts for URW Palladio L	Stubner	464
fpTeX	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	394
fragmaster	Using psfrag with pdfLaTeX	Domingo, Vogel	194
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	548
framed	Framed or shaded regions that can break across pages	Arseneau	134
francais-bst	Bibliographies conforming to French typographic standards	Goulet	232
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibTeX styles	Swift	466
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	466
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	466
frcursive	French cursive hand fonts	Beffara	147
frederika2016	An OpenType Greek calligraphy font	Syropoulos	467
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	256
free-math-font-...	A survey of available free Mathematics fonts	Hartke	248
freetype	A full-featured font rasterizer library	Lemberg	314
frege	Typeset fregean Begriffsschrift	Pamp	382
french-translat...	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	347
frenchponct	Implement French-style spacing at punctuation	Roy	420
frenchpro	Professional typesetting of French documents	Gaulle	223
frenchquote	Make something like guillemets	Unknown	502
frhyph	French hyphenation patterns	Flipo	215
FriBidiXeTeX	A pre-processor for XeTeX files to support unicode bidirectional algorithm	Khalighi, bidi-tex GitHub Organisation	280
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	273
frletter	Typeset letters in the French style	Andronic	132
frontespizio	Create a frontispiece for Italian theses	Gregorio	237
froufrou	Fancy section separators	Lago	306
frpseudocode	French translation for the algorithmicx package	Irwin	265
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	477
ftcap	Allows \caption at the beginning of a table-environment	Steffani	457
ftetx	TeX support in FTE text editor	Zydowitz	553
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	491
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	349
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	280
fullblk	Left-blocking for letter class	Cloos Jr.	274
fullminipage	Minipage spanning a complete page	Schneider	432
fullpage	Set all page margins to 1.5cm	Daly	188
fullpict	Full page pictures	Shawyer	444
fullwidth	Adjust margins of text block	Daniel	189
functan	Macros for functional analysis and PDE theory	Lejay	314
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	331
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	360
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	360
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	360
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	360
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	360
fundus-startrek	'Startrek' fonts, and macros to support them	Neugebauer	360
fundus-sueterlin	Sütterlin	Neugebauer	360
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	360
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	360

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	359
funnelweb	A flexible, language-independent web system	Coates	181
futhark	Fonts for the Older Futhark script	deyAvemta	192
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	383
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	515
fvextra	Extensions and patches for fancyvrb	Poore	394
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	300
fwlw	Get first and last words of a page	Arseneau	134
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	315
gaceta	A class to typeset La Gaceta de la RSME	Varona	511
gahyph	Hyphenation patterns for the Irish language	Scannell	425
galois	Typeset Galois connections	Cousot	185
gamebook	Typeset gamebooks and other interactive novels	Miede	344
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	311
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	479
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	349
garamond-libre	The Garamond Libre font face	Miller, Tennent	346
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	551
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	442
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	413
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	223
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	278
gates	Support for writing modular and customisable code	Isambert, Robbers	265
gatherenum	A crossover of align* and enumerate	Rivaud	407
gauss	A package for Gaussian operations	Kauers	277
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	297
gbrief-creator	A front end for the gbrieff package	Schinke	429
gbt7714	BibTeX implementation of China’s bibliography style standard GB/T 7714-2015	Lee	312
gcard	Arrange text on a sheet to fold into a greeting card	McBane	339
gchords	Typeset guitar chords	Peeters	386
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	543
gelasio	L <sup>A</sup> T <sub>E</sub> X support for the Gelasio family of fonts	Tennent	479
GELLMU	LaTeX-like markup for writing XML documents	Hammond	243
gen	Genealogy symbols	Knuth	291
gender	Gender neutrality for languages with grammatical gender	Banhardt	139
gene-logic	Typeset logic formulae, etc	Neugebauer	360
genealogy	A compilation genealogy font	Roegel	413
genealogytree	Pedigree and genealogical tree diagrams	Sturm	464
genfam	Run Metafont to produce the bitmap fonts	Schrod	434
genindex	Alternative index series	Smith	450
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X’s minipages	Lotze	324
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	430
gentabtex	Python helper for creating tables	Algaba	130
gentium-original	Gentium font and support files	Schmitz, Miklavec	432
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavec, Farar, Schmitz	150
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	212



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	195
gentombow	Generate Japanese-style crop marks	Yamashita	543
geometry-de	German documentation for the geometry package	Umeki	499
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	499
geomsty	Macros used in typesetting a geometry book	Levy	315
geophysics	Articles for the journal Geophysics	Gildea	226
georgian-stanier	A Georgian font	Stanier	456
georgian	Support for typesetting in Georgian	Shoshiashvili	445
geradwp	Document class for the Cahiers du GERAD series	Hamel	243
german	Support for German typography	Raichle	400
germbib	German variants of standard BibT <sub>E</sub> X styles	Harders	246
germdoc	A collection of documentation available in German	Unknown	502
germkorr	Change kerning for German quotation marks	Baumann	143
geschichtsfrkl	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	547
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	438
getfiledate	Find the date of last modification of a file	Musa	357
getitems	Gathering items from a list-like environment	Hendrickson	252
getmap	Download OpenStreetMap maps for use in documents	Kleber	285
getoptk	Define macros with sophisticated options	Le Barbier Grünewald	239
getrefs	BibT <sub>E</sub> X style to sort by "journal" entries of references	Deutscher	192
getttitlestring	Clean up title references	Oberdiek	369
gfdl	Support for using GFDL in L <sup>A</sup> T <sub>E</sub> X	Unknown	502
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	531
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	497
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	496
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	497
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	497
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	496
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	496
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	496
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	497
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	496
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	497
GFS Solomos	A Greek-alphabet font	Tsolomitis	496
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
ghostscript	Freely available PostScript interpreter	Deutsch	192
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	362
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	515
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
gincitex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	426
gindex	Formatting indexes	Bezoz López	320
ginpenc	Modification of inputenc for German	Harders	246
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	352
gitfile-info	Get git metadata for a specific file	Hilbig	255
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	319
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	319

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	319
gitstatus	Include Git information in the document as watermark or via variables	Gruber	239
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	291
gl-tree	Linguistic trees with a preprocessor	Lee	311
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	240
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	404
glhyph	Hyphenation patterns for Galician	Múgica de Rivera	408
globalvals	Declare global variables	Baynham	143
glonti	Virtual fonts for T2A-encoded fonts	Glonti	228
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	222
gloss-occitan	Polyglossia support for Occitan	Valmary	510
gloss	Create glossaries using BibTeX	de Arriba, Bezos López	133
glossaries-accsupp	Accessibility support for glossaries	Talbot	472
glossaries-danish	Danish language module for glossaries package	Talbot	472
glossaries-dutch	Dutch language module for glossaries package	Talbot	472
glossaries-english	English language module for glossaries package	Talbot	472
glossaries-esto...	Estonian language module for glossaries package	Kankainen	275
glossaries-extra	An extension to the glossaries package	Talbot	472
glossaries-finnish	Finnish language module for glossaries package	Välimäki	510
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	474
glossaries-german	German language module for glossaries package	Talbot	472
glossaries-irish	Irish language module for glossaries package	Talbot	473
glossaries-italian	Italian language module for glossaries package	Talbot	473
glossaries-magyar	Magyar language module for glossaries package	Talbot	473
glossaries-norsk	Norsk Bokmål language module for the glossaries Package	Stendahl	458
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustrveit	248
glossaries-polish	Polish language module for glossaries package	Talbot	473
glossaries-port...	Portuges language module for glossaries package	Talbot	473
glossaries-serbian	Serbian language module for glossaries package	Talbot	473
glossaries-slovene	Slovene language module for glossaries package	Bačić	138
glossaries-spanish	Spanish language module for glossaries package	Talbot	473
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	367
glossaries	Create glossaries and lists of acronyms	Talbot	472
glossary	Create a glossary	Talbot	473
glostex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	546
glotex	A glossary processor	Aurbach, Hantelmann, Iani-gro	137
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	200
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	356
gmeometric	Change page size wherever it's safe	Murzynowski	356
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	356
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	237
gmutils	Support macros for other packages	Murzynowski	356
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	356
gmverse	A package for typesetting (short) poems	Murzynowski	356
gnu-freefont	A Unicode font, with rather wide coverage	White	532
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	249
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	299
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	357
go	Fonts and macros for typesetting go games	Kołodziejska	297
gobble	More gobble macros for PlainTeX and L <sup>A</sup> T <sub>E</sub> X	Scharrer	426
goblin	Tolkien's goblin alphabet	Stanier	456
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
gost	BibTeX styles to format according to GOST	Polyakov, Kotelnikov	394

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	245
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	136
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	517
gplot	CGM-based graphics support	Andrews	132
grabbox	Read an argument into a box and execute the code afterwards	Spratte	455
gradback	Gradient backgrounds for dvips output	Pedersen	386
gradient-text	Decorate text with linear gradient colors	Du	197
gradientframe	Simple gradient frames around objects	Raue	402
grading-scheme	Typeset grading schemes in tabular format	Keßler	279
gradstudentresume	A generic template for graduate student resumes	Kumar	304
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	383
grafik	EPS graphics under Windows	Dübendorfer	198
grant	Classes for formatting federal grant proposals	Karr	277
graph35	Draw keys and screen items of several Casio calculators	Paternault	385
GraphBase	A platform for combinatorial algorithms	Knuth	291
graphbox	Extend graphicx to improve placement of graphics	Beisert	147
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	469
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	486
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	490
graphics-pln	LaTeX-style graphics for Plain T <sub>E</sub> X users	Carlisle	169
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	437
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	462
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	543
GraphicxSP	An extension of the graphicx package	Story	462
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	308
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	151
GraphTeX	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	393
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	402
gray	Fonts for gray-scales	Knuth	291
grayhints	Produce 'gray hints' to a variable text field	Story	462
grchyp	Hyphenation for classical Greek, under XeTeX	Codet	182
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	345
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	468
greek-makeindex	Makeindex working with Greek	Syropoulos	467
greek4cbc	A Greek font from 394BC	Wilson	535
greek6cbc	A Greek font from the sixth century BC	Wilson	535
greekctr	Represent counters by letters of the Greek alphabet	Knappen	289
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	496
greekinfo3	Overview of systems, packages, and fonts for Greek T <sub>E</sub> X	Dimakos, Filippou	193
greetex-fd	L <sup>A</sup> T <sub>E</sub> X font definition files for GreekTeX	Brodnik	161
greetex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyrakis	352
greetonoi	Facilitates writing/editing of multiaccented greek	Cornaros	185
greenpoint	The Green Point logo	Triska	495
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	420
grfext	Manipulate the graphics package's list of extensions	Oberdiek	369
grffile	Extended file name support for graphics (legacy package)	Oberdiek	369
grfguide	L <sup>A</sup> T <sub>E</sub> X standard graphics and color packages documentation	Carlisle	169
grfpaste	Include fragments of a dvi file	Carlisle	169

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	407
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	341
gridset	Grid, a.k.a. in-register, setting	Kohm	294
gridslides	Free form slides with blocks placed on a grid	Mendler	343
grkfst	Install Greek Type 1 fonts	Kryukov	302
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	467
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	467
grundgesetze	Typeset Frege's Grundgesetze der Arithmetik	Rosberg	417
grverb	Typesetting Greek verbatim	Syropoulos	467
GS1	Typeset EAN barcodes using T <sub>E</sub> X rules, only	Kohm	295
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	419
gsftopk	Convert "Ghostscript fonts" to PK files	Vojta	519
gsview	View PostScript under MS-Windows or OS/2	Lang	308
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	215
gtrcrd	Add chords to lyrics	Bresciani	160
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	238
gu	Typeset crystallographic group-subgroup-schemes	Lange	308
guarani	Guarani support	Bezós López	320
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	323
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	Himmelmänn, Vavassori,	256
		Busdraghi	
guitar	Guitar chords and song texts	Väth	511
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	362
guitartabs	A class for drawing guitar tablatures easily	Babushkin	137
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	512
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	517
gurmukhi-singh	Support for Gurmukhi in T <sub>E</sub> X	Singh	448
gurmukhi	Support for Gurmukhi	Pandey	382
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	209
GUtenberg	French T <sub>E</sub> X Users Group information	Just	274
gv-savepos	A patch to gv to save positions	Thành	483
gv	An X front end for Ghostscript	Marchesi	334
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	265
ha-prosper	Patches and improvements for prosper	Adriaens	128
hackalloc	Make allocations local	Unknown	502
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	349
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	344
hamnosys	A font for sign languages	Schulder, Hanke	435
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	463
handout	Create handout for auditors of a talk	Rouquette	419
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	493
hang	Environments for hanging paragraphs and list items	Nolda	365
hangcaption	Hanging layout for captions	Jones	272

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hanging	Hanging paragraphs	Robertson, Wilson	411
hanoi	Tower of Hanoi in $\TeX$	Blackmore	152
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	224
happy4th	A firework display in obfuscated $\TeX$	Blackmore	152
har2nat	Replace the harvard package with natbib	Straathof	463
haranoaji-extra	Harano Aji Fonts	Hosoda	261
haranoaji	Harano Aji Fonts	Hosoda	261
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	410
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	530
harnon-cv	A CV document class with a vertical timeline for experience	Hart	248
harpoon	Extra harpoons, using the graphics package	Kuipers	303
harvard-obsolete	The Harvard bibliography style family	Williams	534
harvard	Harvard citation package for use with $\LaTeX$ 2e	Williams, Schnier	534
harveyballs	Create Harvey Balls using TikZ	Roth	417
harvmac	Macros for scientific articles	Ginsparg	227
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	266
hausarbeit-jura	Class for writing “juristische Hausarbeiten” at German Universities	Sievers	446
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	181
hcbundle	Replacement for the $\LaTeX$ classes	Siefkes	446
he-le-na	Support for Serbian typesetting	Filipović	212
he-she	Alternating pronouns to aid gender-neutral writing	Munn	355
headerfooter	Define the layouts of page headers and footers	Gildea	226
hebtex	Support for Hebrew and other right-to-left languages	Porrat	394
hecthes	A class for dissertations and theses at HEC Montréal	Hamel	243
hellas	Typeset bibliographies which include Greek	Syropoulos	467
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	361
helvet	Load Helvetica, scaled	Schmidt, $\LaTeX$ Team	431
hep-acronym	An acronym extension for glossaries	Hajer	242
hep-bibliography	An acronym extension for glossaries	Hajer	242
hep-float	Convenience package for float placement	Hajer	242
hep-font	Latin modern extended by computer modern	Hajer	242
hep-gen	Generic macros for quantum physics	Unknown	502
hep-graphic	Extensions for graphics, plots and feynman graphs in high energy physics	Hajer	242
hep-math-font	Extended Greek and sans-serif math	Hajer	242
hep-math	Extended math macros	Hajer	242
hep-paper	Publications in High Energy Physics	Hajer	243
hep-reference	Adjustments for publications in High Energy Physics	Hajer	243
hep-text	List and text extensions	Hajer	243
hep-title	Extensions for the title page	Hajer	243
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
hereapplies	A $\LaTeX$ package for referencing groups of pages that share something in common	Unknown	503
heros-otf	Using the OpenType fonts $\TeX$ Gyre Heros>	Voß	520
hershey-mp	MetaPost support for the Hershey font file format	Renkema	405
hershey	Experiments with the Hershey fonts	Yap	544
heuristica	Fonts extending Utopia, with $\LaTeX$ support files	Sharpe	442
hex	Print a counter in hexadecimal	Domenjoud	194
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	420
hexdump	Read and typeset ASCII hexdump files	Hillebrand	255



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hexgame	Provide an environment to draw a hexgame-board	Brouwer	162
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	211
hfbright	The hfbright fonts	Harders	246
hfoldsty	Old style numerals with EC fonts	Harders	246
HFUTExam	Exam class for Hefei University of Technology (China)	Zhang	550
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	547
hge	An “Old English” font	Unknown	503
hhline	Better horizontal lines in tabulars and arrays	Carlisle	170
hhtensor	Print vectors, matrices, and tensors	Harders	246
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	304
hieroglf	The “poor man’s” Egyptian Hieroglyphic font	Wilson	535
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	417
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	448
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	302
hilowres	Support high and low resolution versions of same picture	Gerell	224
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	304
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	433
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal ‘Historische Zeitschrift’	Waßenhoven	529
histyle	A “HighStyle” environment for T <sub>E</sub> X	Unknown	503
hitec	Class for documentation	Billauer	152
hitex-def	Support files for HiTeX	Ruckert	422
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	422
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	544
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	465
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	544
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	544
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	495
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	499
hlatex	Support for the Korean language	Un	499
hletter	Flexible letter typesetting with flexible page headings	Housley	262
hlist	Horizontal and columned lists	Tellechea	477
hmtrump	Describe card games	Hitomi	256
hobby	An implementation of Hobby’s algorithm for PGF/TikZ	Stacey	455
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	232
hobsub	Construct package bundles	Oberdiek	369
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	547
hologo	A collection of logos with bookmark support	Oberdiek	369
holtpolt	Typeset Maxwell’s non-commutative division	Knappen	289
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	369
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developers	Rouquette	419
hopatch	Load patches for packages	Oberdiek	369
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	449
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	527
hp2xx	HP GL converter	Unknown	503
hpgl2ps	Translate HPGL to PostScript	McCormick	340
hpsdiss	A dissertation class	Schmid	429
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	164
hrefhide	Suppress hyper links when printing	Münch	354
hrhyph	Croatian hyphenation	Marinović	335
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	335
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	274
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	483
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	528

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	494
huffman	Drawing binary Huffman trees with MetaPost and METAOBJ	Chupin	180
huhyph	Hyphenation patterns for the Hungarian language	Mayer	339
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	494
humanbio	Bibliography style for "Human Biology"	Rogers	415
humanist	Humanist manuscript book-hand font	Wilson	535
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	415
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	535
hungarian	New Hungarian hyphenation patterns	Nagy	358
hustthesis	Unofficial thesis template for Huazhong University	Cheng	176
hvarabic	Macros for RTL typesetting	Voß	521
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	358
hvextern	Write and execute external code, and insert the output	Voß	521
hvfloat	Controlling captions, fullpage and doublepage floats	Voß	521
hvinde	Support for indexing	Voß	521
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	521
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	344
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	430
hvpymntex	Syntax-Highlighting of program code	Voß	521
hvqrurl	Insert a QR code in the margin	Voß	521
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	503
hwkatakana	Half-width katakana fonts	Hassenpflug	248
hyacc-cm	Hyphenation using 7-bit fonts	Flipo, Siebenmann	215
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	370
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	370
hycap	Adjusting the anchors of captions	Oberdiek	370
hydestopt	Hyperref destination optimizer	Oberdiek	370
hydoc	Hyper extensions for doc.sty	Oberdiek	370
hydvips	Hyperref extensions for use with dvips	Niedrist	363
hyper	Hypertext cross referencing	Mehlich	342
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	301
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	176
hypernat	Allow hyperref and natbib to work together	Berger	149
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	374
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	380
hygotoe	Links to embedded files	Oberdiek	370
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	345
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	476
hyphen-spanish	Standard hyphenation rules for Spanish	Bezos López, Carmona	323
hyphenat	Disable/enable hyphenation	Robertson, Wilson	411
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	213
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	315
hyphsubst	Substitute hyphenation patterns	Oberdiek	370
hypt1	Additional hyphenation patterns	Raichle	400
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	237
<b>IIII</b>			
i-ching	An i-ching package	Bzyl	167

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
iagproc	Class for two column IAG Proceedings articles	Vermeer	513
iahypen	Hyphenation patterns for Interlingua	Kleiweg	288
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	479
ibm	Metrics for IBM fonts	Rahtz	399
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	312
ibrackets	Intelligent brackets	Missier	347
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	254
ibyrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	431
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	392
icelandic	Icelandic Fonts	Pind	392
iching	A font for I Ching divinations	Stanier	456
icite	Indices locorum citatorum	Alessi	129
icomma	Intelligent commas for decimal numbers	Schmidt	429
icon-appr	Creates icon appearances for form buttons	Story	462
icons	TeX icons	Carriba, Sendoukas	173
icsv	Class for typesetting articles for the ICSV conference	Robertson	409
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	223
identkey	Typesetting bracketed dichotomous identification keys	White	532
idverb	Inline verbatim identifiers	Schrod	434
idxcmds	Semantic commands for adding formatted index entries	Niederberger	362
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titz	492
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	380
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	302
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	444
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	444
IEEEJtran	Unofficial bibliography style file for the Institute of Electrical Engineers of Japan	Ejiri	203
ietfbibs	Generate BibTeX entries for various IETF index files	Mortier	351
iexec	Execute shell commands and input their output	Bugayenko	164
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	387
ifallfalse	Compare a string against a set of other strings	Chen	176
ifdraft	Detect “draft” and “final” class options	Oberdiek	370
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	490
iffont	Conditionally load fonts with fontspec	Weiss	531
iflang	Expandable checks for the current language	Oberdiek	370
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	490
ifmslide	Presentation slides for screen and printouts	Emmel	204
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	411
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	326
ifoddpge	Determine if the current page is odd or even	Scharrer	426
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	490
ifplatform	Conditionals to test which platform is being used	Robertson, Große	410
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	545
ifsym	A collection of symbols	Klöckl	288
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	489
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	307
ifthenx	Extra tests for \ifthenelse	Jones	272
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	490
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	490
ifxptex	Detect pTeX and its derivatives	Zhang	550

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
igo	Fonts and macro to typeset Go diagrams	Dupuis	199
iitem	Multiple level of lists in one list-like environment	Vitecek	518
ijc	International Journal of Control style	Balemi	139
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	385
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	515
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	336
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	157
imac	International Modal Analysis Conference format	Slater	449
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	364
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	145
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	289
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	479
imfellflowers	IM Fell Flower OpenType fonts	Tennent	480
impatient	Free edition of the book "TeX for the Impatient"	Abrahams, Hargreaves, Berry	128
imprnatypo	Support typography of l'Imprimerie Nationale Française	Pinson	392
import	Establish input relative to a directory	Arseneau	134
impose	PostScript imposition and support utilities	Grobgeld	238
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	515
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	280
IMTEKda	IMTEK thesis class	Dreher	196
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	464
includeRnw	Include .Rnw inside .tex	Storvik Strauman	463
includex	Extended \include	Swift	466
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	315
indent	Environments that change margins	Unknown	503
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	272
indextools	Producing multiple indices	Rouquette	419
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	392
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	450
indxcite	Generate author index based on citations	Ashton	136
infpic	Macros to insert pictures in paragraphs	Ulrych	499
infwarerr	Complete set of information/warning/error message macros	Oberdiek	370
inhyph	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	290
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	458
inkpaper	A mathematical paper template	Liang	316
inline-images	Inline images in base64 encoding	Wäckerlin	526
inlinebib	Citations in footnotes	Seindal	439
inlinedef	Inline expansions within definitions	Hicks	255
inlinelabel	Assign equation numbers to inline equations	Kusakabe	304
innerscript	Modifies automatic mathematics spacing	Kosowsky	298
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	270
inputenx	Enhanced input encoding handling	Oberdiek	370
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	497
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	301
inputtrc	Trace which file loads which	Lück	326
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	335
inrstex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	210
insbox	Insert pictures/boxes into paragraphs	Gulczynski	240
inscrutable	A response to Perl hackers' silliness	Greene	236

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	462
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	535
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	535
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	528
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	285
intcalc	Expandable arithmetic operations with integers	Oberdiek	370
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	230
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	303
interchar	Managing character class schemes in XeTeX	Hu	262
interfaces	Set parameters for other packages, conveniently	Chervet	177
interpol	Add interpolation to MetaPost graph package	Vieh	517
interpreter	Translate input files on the fly	Isambert, Robbers	265
interval	Format mathematical intervals, ensuring proper spacing	Madsen	332
intex	Support typesetting and indexing words and phrases	Ranange	402
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	301
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	149
inversepath	Calculate inverse file paths	Robertson	409
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	503
invoice-class	Produces a standard US invoice from a CSV file	Munn	355
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	432
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	414
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	545
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	265
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	222
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	236
ishyph	Hyphenation patterns for Icelandic	Pind	392
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	482
isi2bibtex	Converter for ISI to BibTeX	Lee	311
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	360
iso	Generic ISO standards typesetting macros	Wilson	536
iso10303	Typesetting the STEP standards	Wilson	536
iso209	A document style for ISO standards	North	366
isodate	Tune the output format of dates according to language	Harders	246
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	503
isomath	Mathematics style for science and technology	Milde	345
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	512
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	521
isorot	Rotation of document elements	Wilson	536
isotope	A package for typesetting isotopes	Bauke	142
ispell	Multi-platform spell checker	Atkinson	137
issuulinks	Produce external links instead of internal ones	Veytsman	515
ist21	Title page for the old BSI IST/21 committee	Unknown	503
istgame	Draw Game Trees with TikZ	Cho	179
ital	Automatic italic correction	Bernstein	150



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
italic	Automatic italic correction for italic and slanted text	Goatley	229
iTe	Interactive T <sub>E</sub> X editor	Kühn	303
ithyph	Hyphenation patterns for the Italian language	Beccari	144
itnumpar	Spell numbers in words (Italian)	Gregorio	237
itrans-processor	Transliteration of Indian Languages	Chopde	179
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	367
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	352
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	291
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	485
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	425
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	400
jamtimes	Expanded Times Roman fonts	Veytsman	515
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	503
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	475
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	395
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	351
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	221
jasthesis	A 'standard' thesis class	Shepherd	444
JavaBib	A BibTeX file manager written in Java	Unknown	503
javadoc	Documenting source code	Kiesel	282
javaDVI	DVI viewer and printer coded in Java	Hurt	263
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	544
JavascriptHTTP	Add buttons to a PDF to easily get and post web content	Zwahlen	553
jvateX	A Java implementation of T <sub>E</sub> X	Murphy	356
jbact	BibTeX style for biology journals	Schneider	433
JBibtexManager	Managing citations in BibTeX format	Batada	142
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	255
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	459
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	335
JeuxCartes	Macros to insert playing cards	Pierquet	389
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	343
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	546
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	395
jhep	Class for JHEP	Nesti	359
jIEEEtran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	203
jigsaw	Draw jigsaw pieces with TikZ	Unknown	503
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	462
jkmath	Macros for mathematics that make the code more readable	Kaerts	274
jknappen	Miscellaneous packages by Joerg Knappen	Knappen	289
jktthesis	Document class for formatting a thesis	Küpper	304
jlabels	Make letter-sized pages of labels	Tartir	475
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	452
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	351
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	127
jmakepdfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	473
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	433
jmlr	Class files for the Journal of Machine Learning Research	Talbot	473

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jmsdelim	A package for compositional delimiter sizing	Sterling	458
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	253
jnuexam	Exam class for Jinan University	Lyu	331
jobname-suffix	Compile differently based on the filename	Siefken	446
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
jourcl	Cover letter for journal submissions	Kukovec	304
jourrr	A L <sup>A</sup> T <sub>E</sub> X template for journal rebuttal letters	Kukovec	304
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	484
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	364
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	343
jphysiol	BibTeX style for the Journal of Physiology	Hennig	253
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	406
jpneduenumerate	Enumerative expressions in Japanese education	Kusakabe	304
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	305
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	305
jqt1999	Journal of Quality Technology BibTeX format	Forrest	217
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	434
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	375
jslectureplanner	Creation and management of university course material	Spitzmüller	453
jspell	An ASCII file spelling checker	Jeong	271
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	415
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	408
jumplines	Articles with teasers and continuation later on	Hupfer	263
junicode	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	159
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	529
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	150
juramisc	Typesetting German juridical documents	Sodtalbers	451
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	529
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	298
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	525
jwjournal	A personal class for writing journals	XU	542
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	449
kalender-209	Produce page-per-day calendars	Schrell	433
kalender	Create a calendar, in German	Söhner	451
kanaparser	Kana parser for LuaTeX	Zahumensky	548
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	176
kantlipsum	Generate sentences in Kant's style	Gregorio	237
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	268
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	533
karnaughmap	Typeset Karnaugh maps	Michael	344
karta	Cartographic signs	Unknown	503
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	317
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	451
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	315
kdgreek	Greek fonts and macros	Dryllerakis	197
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	164
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	278
kerkis	Kerkis (Greek) font family	Tsolomititis	496
kerntest	Print tables and generate control files to adjust kernings	Harders	246

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	469
keycommand	Simple creation of commands with key-value arguments	Chervet	177
keyfloat	Provides a key/value interface for generating floats	Dunn	199
keyindex	Index entries by key lookup	Zach	547
keyparse	Key based parser	Rogard	414
keyreader	A robust interface to xkeyval	Musa	357
keystroke	Graphical representation of keys on keyboard	Niepraschk	364
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	357
keyvaltable	Re-usable table layouts separating content and presentation	Grewé	238
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	533
kinematikz	Design kinematic chains and mechanisms	Santos	424
kix	Typeset KIX codes	Stoks	459
KIXfont	A font for KIX codes	van Rein	405
klinz	A Klingon font	Wünsch	541
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	289
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	238
knot	A Celtic knotwork font	Jaquina	269
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	182
knst	Multiple-guess tests	Saludes	424
knuth-base	The current state of Knuth's contributions	Knuth	291
knuth-dist	The current state of Knuth's contributions	Knuth	291
knuth-errata	Knuth's published errata	Knuth	292
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	428
knuth-letter	Knuth's example letter macros	Knuth	292
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	292
knuth-local	Knuth's local information	Knuth	292
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	428
koi8	KOI-8 input support	Blumenthal	153
koma-moderncvc1...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	451
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	295
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	295
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	295
koma-script-exa...	Examples from the KOMA-Script book	Kohm	295
koma-script-obs...	Deprecated packages from koma-script	Kohm	295
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	509
koma-script	A bundle of versatile classes and packages	Kohm	295
komacv-rg	L <sup>A</sup> T <sub>E</sub> X packages that aid in creating CVs based on the komacv class and creating related documents	Grewé	238
komacv	Typesetting a beautiful CV with various style options	Södergran	451
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	529
KorigamiK	Typeset articles using KorigamiK's document class	Lakhwani	307
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	311
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	311
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	311
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	311
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	485
kpfonts-otf	OTF version of the Kp-fonts	Flipo	215
kpfonts	A complete set of fonts for text and mathematics	Caignaert	168
ksfh-nat	BibTeX style for KSFH Munich	Bilger	151

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	250
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	214
ktv-texdata	Extract subsets of documents	Huynh	264
ku-template	Copenhagen University or faculty logo for front page	Pedersen	386
kurdishlipsum	A ‘lipsum’ package for the Kurdish language	Jund	274
kurier	A two-element sans-serif typeface	Nowacki	367
kuvio	Drawing macros and fonts for diagrams	Svensson	465
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	370
kvmmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	218
kvoptions	Key value format for package options	Oberdiek	370
kvsetkeys	Key value parser with default handler support	Oberdiek	370
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	244
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	495
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	130
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	549
l2tabu-spanish	Spanish translation of “Obsolete packages and commands”	Trettin, Medina Arellano	495
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	205
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	436
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	487
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	487
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	487
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	487
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	487
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	487
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	487
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	487
la	School handwriting fonts	Heuer	255
laansort	Sorting within T <sub>E</sub> X	van der Laan	306
labbook	Typeset laboratory journals	Küster	305
label-pln	Print address labels in three columns	Unknown	503
labelcas	Check the existence of labels, and fork accordingly	Diez	193
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	446
labelmac3	Print Avery 5160 labels for laser printers	Rao	402
labelmag	Manage a collection of labels	Willadt	534
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	226
labels4easylist	Add reference labels to easylist items	Paciorek	379
labelschanged	Identify labels which cause endless “may have changed” warnings	Dunn	199
labl-st-pkg	List names of labels in a document	Karney	276
labtex	Label diagrams produced in Metafont	Hoening	256
labyrinth	Draw labyrinths and solution paths	Zigliotto	552
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen, T <sub>E</sub> XLive	491
ladder	Draw simple ladder diagrams using TikZ	Cadiou	168
lahyph	Hyphenation patterns for the Latin language	Beccari	144
laletter	Los Alamos letter style	Sydoriak	467
lambda-lists	Lists in T <sub>E</sub> X’s mouth	Jeffrey	270
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	414
lamemo	Memo style as used at Los Alamos	Sydoriak	467
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	350
lamstex-index	Index processor for LamsTeX	Spivak	454
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	454
landscape	Set up for typesetting in landscape	Hosek	260
langcode	Simple language-dependent settings based on language codes	Lück	326

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un-known	336
langsci-affilia...	Collect and order authors and affiliations	Kopecky	298
langsci-avm	Feature structures and attribute-value matrices (AVM)	Kopecky	298
langsci	Typeset books for publication with Language Science Press	Nordhoff	366
lapdf	PDF drawing directly in $\text{\LaTeX}$ documents	Reimers	405
laps	Zero-width boxes for annotations, etc	Unknown	503
lastbib	Record the number of citations in a document	Tuleuov	497
lastpackage	Indicates the last loaded package	Pospiech	394
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	354
LaTable	A near-WYSIWYG editor for $\text{\LaTeX}$ tables	Denisov	191
lated	Graphical $\text{\LaTeX}$ picture editor	Ressler	406
latex-amsmath-dev	Development pre-release of the $\text{\LaTeX}$ amsmath bundle	$\text{\LaTeX}$ Team	487
latex-amsmath	AMS mathematical facilities for $\text{\LaTeX}$	$\text{\LaTeX}$ Team	487
latex-base-dev	Development pre-release of the $\text{\LaTeX}$ kernel	$\text{\LaTeX}$ Team	487
latex-base	Base sources of $\text{\LaTeX}$	$\text{\LaTeX}$ Team, Mittelbach	489
latex-bib-ex	Examples for the book Bibliografien mit $\text{\LaTeX}$	Voß	521
latex-bib2-ex	Examples for the book Bibliografien mit $\text{\LaTeX}$	Voß	521
latex-bnf	$\text{\LaTeX}$ macros for typing BNF specifications	Osborne	378
LaTeX-brochure	A publicity flyer for $\text{\LaTeX}$	Flynn	216
latex-context-p...	Legacy stub to allow loading pictex as m-pictex	Carlisle	170
latex-course	A $\text{\LaTeX}$ course as a projected presentation	Buxbaum	167
cyrillic	Support for Cyrillic fonts in $\text{\LaTeX}$	$\text{\LaTeX}$ Team	486
latex-doc-ptr	A direction-finder for $\text{\LaTeX}$ resources available online	Hefferon, Pégourié-Gonnard, Berry	249
latex-doc	Documentation supplied as part of the $\text{\LaTeX}$ distribution	$\text{\LaTeX}$ Team	487
latex-errata	Errata for the $\text{\LaTeX}$ Manual	Lamport	307
latex-essential	Essential information for writing $\text{\LaTeX}$ documents	Warbrick, Rivera	529
latex-firstaid-dev	Development pre-release of the $\text{\LaTeX}$ firstaid package	$\text{\LaTeX}$ Team	487
latex-firstaid	First aid for external $\text{\LaTeX}$ files and packages that need updating	$\text{\LaTeX}$ Team	487
latex-fonts	A collection of fonts used in $\text{\LaTeX}$ distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	293
latex-for-under...	A tutorial aimed at introducing undergraduate students to $\text{\LaTeX}$	Lounsbury	324
latex-git-log	Typeset git log information	Schneider	433
latex-graphics-dev	Development pre-release of the $\text{\LaTeX}$ graphics bundle	$\text{\LaTeX}$ Team	488
latex-graphics	The $\text{\LaTeX}$ standard graphics bundle	$\text{\LaTeX}$ Team	488
latex-hlp	A VMS help file for $\text{\LaTeX}$ 2.09	Greenwade	236
latex-info	Unofficial reference manual for $\text{\LaTeX}$	Steffens, Greenwade	457
latex-lab-dev	$\text{\LaTeX}$ laboratory: Development pre-release	$\text{\LaTeX}$ Team	488
latex-lab	$\text{\LaTeX}$ laboratory	$\text{\LaTeX}$ Team	488
latex-make	Easy compiling of complex (and simple) $\text{\LaTeX}$ documents	Danjan	189
latex-mr	A practical guide to $\text{\LaTeX}$ and Polyglossia for Marathi and other Indian languages	Holkar	260
latex-notes-zh-cn	Chinese Introduction to $\text{\TeX}$ and $\text{\LaTeX}$	Huang	262
latex-papersize	Calculate $\text{\LaTeX}$ settings for any font and paper size	Brown	162
latex-pro-pragm...	$\text{\LaTeX}$ for pragmatists	Satrapa	424
LaTeX-Referenz	Examples from the book " $\text{\LaTeX}$ Referenz "	Voß	521
latex-refsheet	$\text{\LaTeX}$ Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	307
latex-sciences-...	(Xe) $\text{\LaTeX}$ Appliqué aux sciences humaines	Rouquette	419
latex-tabellen	$\text{\LaTeX}$ Tabellen	Voß	521
LaTeX-tds	A structured copy of the $\text{\LaTeX}$ distribution	Oberdiek	371
latex-tools-dev	Development pre-release of the $\text{\LaTeX}$ tools bundle	$\text{\LaTeX}$ Team	488
latex-tools	The $\text{\LaTeX}$ standard tools bundle	$\text{\LaTeX}$ Team	488
latex-uni8	Universal inputenc, fontenc, and babel for pdf $\text{\LaTeX}$ and Lua $\text{\LaTeX}$	Szabó	469
LaTeX-veryshort...	The Very Short Guide to $\text{\LaTeX}$	Flynn	216



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	336
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	489
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	307
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	193
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	196
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	519
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	383
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dorner, Granzer	254
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	230
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	230
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	230
latex4wp	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	230
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	318
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	248
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	488
latexcad	A CAD drawing package	Leis	313
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	438
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	408
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	234
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	175
latexcolors	Use color definitions from latexcolor.com	Plüss	393
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	333
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	300
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	395
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilman	492
latexdraw	CAD oriented drawing program	Siebert	446
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	326
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	246
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	457
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	263
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	341
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	509
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	351
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	352
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	488
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	339
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	325
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	534
latin	Latin language definition for Babel	Beccari	144
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	289
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	289
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	289
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano’s Interlingua	Leve	315
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	350
Layaureo	A package to improve the A4 page layout	Busdraghi	167

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	342
layouts	Display various elements of a document's layout	Robertson, Wilson	411
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	270
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	348
lccaps	Lowercased (spaced) small capitals	Giannotti	226
lcd	Alphanumeric LCD-style displays	Kaufmann	277
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	294
lcg	Generate random integers	Janka	268
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	272
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	316
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	497
leading	Define leading with a length	Robertson	409
leadsheets	Typesetting leadsheets and songbooks	Niederberger	362
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	431
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	380
lebhart	Write your articles in a colorful way	XU	542
lecturer	On-screen presentations for (almost) all formats	Isambert	265
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	169
lectureslides	Combine single PDF files into one file	Zhang	550
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	191
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	537
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	537
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	537
leftidx	Left and right subscripts and superscripts in math mode	Harders	246
leftindex	Left indices with better spacing	Ørsted	378
LElletter	A letter class for Leiden University	Kreutzer	300
leipzig	Typeset and index linguistic gloss abbreviations	Weber	530
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	371
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	503
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	307
letter1	Letter formatting macros	Unknown	504
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	509
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	450
letterspacing	Letter spacing	Taylor	476
letterswitharrows	Draw arrows over math letters	Teegen	477
lettre	Letters and faxes in French	Mégevand, Belaïche	342
lettrine	Typeset dropped capitals	Flipo	215
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	315
levy-latex	Macros for using Silvio Levy's Greek fonts	Dafferner	187
lewis	Draw Lewis structures	Horvath	260
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	429

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lexikon	Macros for a two language dictionary	Kielhorn	282
lexitex	Footnote-style citations for law journals	Bennett	149
lexref	Convenient and uniform references to legal provisions	Vion	518
textex	Typesetting legal documents using plain TeX	Horne	260
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	221
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	399
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	348
lgraph	A program to generate graphs	Podar	393
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy's Greek fonts	Murphy	356
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	389
lgrmath	Use LGR-encoded fonts in math mode	Burnol	165
lgrx	Obsolete package for Greek in text	Milde	345
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	281
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	551
lhelp	Miscellaneous helper packages	Kuhlmann	302
libertine-legacy	Linux Libertine fonts for (La)TeX and pdf(La)TeX users	Tennent, Niedermair	482
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	480
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	480
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	442
libertineotf	Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX	Gundlach, Niedermair	240
libertinus-fonts	The Libertinus font family	Hosny, MacIennan	261
libertinus-otf	Support for Libertinus OpenType	Voß	521
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaTeX	Tennent	480
libertinus	Wrapper to use the correct libertine package according to the used TeX engine	Voß	521
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	442
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	165
librarian	Tools to create bibliographies in TeX	Isambert	265
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	480
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	247
lie-hasse	Draw Hasse diagrams	McKay	341
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	388
liftarm	Draw liftarms	Floré	216
LigaTeX	Remove unnecessary ligatures	Killesreiter	283
Light LaTeX Make	l <sup>mk</sup> : A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	136
ligtype	Comprehensive ligature suppression functionalities	Kelkel	278
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	318
limap	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	360
limecv	A (Xe/Lua)L <sup>A</sup> T <sub>E</sub> X document class for curriculum vitae	Pieters	390
linearA	Linear A script fonts	Syropoulos	467
linearb	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	536
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	258
linegoal	A “dimen” that returns the space left on the line	Chervet	177
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	158
linenoamsmath	Use the lineno package together with amsmath	Wette	532
ling-macros	Macros for typesetting formal linguistics	McKenzie	341
lingtrees	Linguistics trees preprocessor and macros	Andrews	132
linguex	Format linguists' examples	Sternefeld	459

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
linguisticspro	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	532
linsys	Typeset systems of linear equations	Kehowski	278
lintex	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	324
lion-msc	L <sup>A</sup> T <sub>E</sub> X class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)	de Dood	195
lips	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	466
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	244
lisp-on-tex	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	445
list	List ASCII text files	Knuth	292
listbib	Lists contents of BibT <sub>E</sub> X files	Kuhlmann	302
listing-pln	Almost-verbatim list programs	Toby	493
listing	Produce formatted program listings	Kuhlmann, Hebley	303
listings-ext	Automated input of source	Hoffman	257
listings	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	257
listingsutf8	Allow UTF-8 in listings input	Oberdiek	371
listbls	Creates a list of all labels used throughout a document	Melzer	343
listliketab	Typeset lists as tables	Pakin	381
listofanswers	Provide a list of answers to mathematical problems	Ipanaqué	265
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	478
listofsymbols	Create and manipulate lists of symbols	Spreng	455
literate	A literate programming system, not tied to any language	Schrod	434
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	383
lithuanian	Lithuanian language support	Tolušis	493
liturg	Support for typesetting Catholic liturgical texts	Goodman	231
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	527
lkort	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	377
LKproof	LK Proof figure macros	Tatsuta	476
l1list	List ASCII text files in landscape	Knuth	292
llncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	407
llncs209	Macros for Springer books	Unknown	504
llncsconf	L <sup>A</sup> T <sub>E</sub> X package extending Springer's llncs class	Brucker	162
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	267
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	266
lmacs	A simple package for including support files	Story	462
lmake	Process lists to do repetitive actions	Pan	382
lms	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	223
ln03dvi	DVI to LN03 driver	Thomas	491
lni	Official class for the "Lecture Notes in Informatics"	Sievers	447
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	480
locality	Various macros for keeping things local	Gross	238
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	400
logbox	e-T <sub>E</sub> X showbox facilities for exploration purposes	Chervet	177
logfilter	Choose what you want to see of a (La)T <sub>E</sub> X log	Graversen	235
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	513
logic	A font for electronic logic design	Simpson	448
logical-markup-...	Packages for language-dependent inline quotes and dashes	Masłowski	336
logicproof	Box proofs for propositional and predicate logic	Davidson	189
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	285
logix	Supplement to the Unicode math symbols	Finney	213
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	277

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	312
logsys	Draw logarithmic coordinate systems	Hansen	244
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	203
longdiv	Long division arithmetic problems	Arseneau	134
longdivision	Typesets long division	Chatham	175
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	313
longfigure	Provides a figure-like environment that break over pages	Arnold	133
longnamefilelist	Tidy \listfiles with long file names	Lück	326
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	171
longtocline	Macros to produce a table of contents	Unknown	504
lookbibtex	Tools for examining BibTeX files	Heidemann	249
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	357
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	195
lout	An alternative typesetting system	Kingston	284
loval	Round-cornered framed boxes	Schalück	425
lparse	A Lua module for parsing key-value options	Friedrich	220
lpform	Typesetting linear programming formulations and sets of equations	Waltman	528
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	338
lplfitch	Fitch-style natural deduction proofs	Zach	547
lps	Class for "Logic and Philosophy of Science"	Cevolani	174
lpw	A literate programming environment for Macs	Lindenberg	317
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	231
lsabon	Support files for the Linotype Sabon fonts	Veytsman	515
lsc	Typesetting Live Sequence Charts	Westphal	532
lscap	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	276
lshort-czech	Czech translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Madr, Stríž, Oetiker	332
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Beuwe, Windels, Oetiker	146
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	374
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	382
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	250
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: Kurzbeschreibung	Schmidt, Gundlach, Daniel	430
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	240
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	336
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	283
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	142
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	377
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przech- lewski, Serwin	229
lshort-portuguese...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	393
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	447
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	493
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	167
lshort-slovenian	Slovenian translation of lshort	Plestenjak	393
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Arttime, Rivera, Vela	136
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	518



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	276
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	394
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	361
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	542
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	374
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	427
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	133
lstfiracode	Use Fira Code font for listings	Zhang	550
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	251
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	366
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	194
ltablex	Table package extensions	Goel	229
ltabptch	Bug fix for longtable	Lück	326
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	141
ltcaption	Fix some caption problems in longtables	Sommerfeldt	452
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	348
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	398
litt	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	289
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	274
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	536
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	348
ltx4yt	Play YouTube videos in the default browser	Story	462
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	371
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	145
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	312
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	375
ltxguidex	An extended ltxguide class	Turner	498
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	328
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	408
ltxinput	Find files input by a document	Green	236
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	357
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	504
ltxnew	A simple means of creating commands	Chervet	177
ltxtable	Longtable and tabularx merge	Carlisle	170
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	357
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	375
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	240
lua-physical	Functions and objects for the computation of physical quantities	Jenni	270
lua-tinyyaml	A tiny YAML (subset) parser for pure Lua	Lee	312
lua-typo	Highlighting typographical flaws with LuaLaTeX	Flipo	215
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	258
LuaUL	Underlining for LuaLaTeX	Krüger	301
lua-uni-algos	Unicode algorithms for LuaTeX	Krüger	301
lua-visual-debug	Visual debugging with LuaLaTeX	Gundlach	240
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	177
lua2dox	Auto-documentation of lua code	Dales	187
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	299
luabibentry	Repeat BibT <sub>E</sub> X entries in a LuaL <sup>A</sup> T <sub>E</sub> X document body	Kopp	298
luabidi	Bidi functions for LuaTeX	Khalighi, Rosendahl, bidi-tex GitHub Organisation	281

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luacas	A computer algebra system for users of LuaLaTeX	All, Cochrane	131
luacensor	Securely redact sensitive information using Lua	Granet	234
luacode	Helper for executing lua code from within TeX	Pégourié-Gonnard	386
luacolor	Color support based on LuaTeX's node attributes	Oberdiek	371
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	521
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	Bezos López	320
luaimageembed	Embed images as base64-encoded strings	Sachs	423
luaindex	Create index using LuaLaTeX	Kohm	295
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	420
luaintro	Examples from the book “Einführung in LuaTeX und LuaLaTeX”	Voß	522
luakeys	A Lua module for parsing key-value options	Friedrich	220
lualatex-doc-de	Guide to LuaL <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	387
lualatex-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	386
lualatex-math	Fixes for mathematics-related LuaL <sup>A</sup> T <sub>E</sub> X issues	Stephani	458
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	458
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	419
luainalg	A linear algebra package for LuaLaTeX	Chetan Shirore and Ajit Kumar	178
luamathalign	More flexible alignment in amsmath environments	Krüger	301
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	180
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	242
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	388
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, Fischer, Krüger	419
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	272
luaplot	Plotting graphs using Lua	Chetan Shirore and Ajit Kumar	178
luaprogtable	Programmable table interface for LuaLaTeX	Xiang	541
luapstricks	A PSTricks backend for LuaLaTeX	Krüger	301
luaquotes	Smart setting of quotation marks	Granet	234
luarandom	Create lists of random numbers	Voß	522
luaset	Set Operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	178
luasseq	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	172
luatex-pkg	Basic definitions for LuaTeX	Oberdiek	371
luatex	The LuaTeX engine	The LuaTeX Team	485

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
luatex85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	172
luatexbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	387
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	285
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	283
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	420
luatodonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	318
luatruhtable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Ajit Kumar	178
luavlina	Prevent line breaks after single letter words, units, or academic titles	Hoftich	258
luaxml	Lua library for reading and serialising XML files	Hoftich	258
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	522
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	430
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	497
lucold	Use old-style digits with Lucida fonts	Loreti	324
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	190
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	206
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	431
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	399
LXfonts	Set of slide fonts based on CM	Beccari	144
lxmail	A letter-generator that produces L <sup>A</sup> T <sub>E</sub> X output	Fasada	209
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	388
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	482
m3D	Extension of plain MetaPost for 3D graphics	Phan	388
maad	Mathematical Approximations and Documentation	Watson, Jr	248
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	401
macibibtex	BibTeX for the Macintosh	Darley	189
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	528
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	427
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	312
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	497
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	497
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	497
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	210
mafr	Mathematics in accord with French usage	Obrecht	374
magaz	Magazine layout	Arseneau	134
magic	A font to go with the Magic(TM) game	Dörntge	195
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	371
magicwatermark	An easy and flexible way to set watermarks	Guo	240
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	432
mailing	Macros for mail merging	Braams	158
mailmerge	Repeating text field substitution	Frasson	219
make-env	Print USPS standard envelopes	Smith	450
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	143
make4ht	A build system for tex4ht	Hoftich	258
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	526

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
makebase	Typeset counters in a different base	Flynn	216
makebox	Defines a <code>\makebox*</code> command	Harders	246
makecell	Tabular column heads and multilined cells	Lapko	309
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	133
makecmds	The new <code>\makecommand</code> command always (re)defines a command	Robertson, Wilson	411
makecookbook	Make a Cookbook	Murphy, D’Amico	356
makedoc	Preprocessing documentation with $\TeX$	Lück	326
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	474
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	302
makeglos	Include a glossary into a document	Henlich	253
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	473
makeidx	Standard $\LaTeX$ package for creating indexes	$\LaTeX$ Team	488
makeindex	Process index output to produce typesettable code	Chen, Beebe	176
makeindexk	Makeindex development sources	Chen, $\TeX$ Live	176
makelabels	Add a ‘makelabels’ feature to KOMA-Script letter classes and package	Kohm	295
makeplot	Easy plots from Matlab in $\LaTeX$	Vila-Forcén	518
makeprog	A literate system for $\TeX$ programming	Schrod	434
maker	Include Arduino or Processing code in $\LaTeX$ documents	Lagos Suárez	464
makerobust	Making a macro robust (legacy package)	Oberdiek	371
makerobust209	Make an existing $\LaTeX$ command robust	Carlisle	170
makeshape	Declare new PGF shapes	Robson	413
maketable	Convert Word or Excel tables to $\TeX$ tabular structures	Maier	333
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	257
malayalam-latex	$\LaTeX$ for Malayalam	Alex	129
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	251
malayalam-omega	Typesetting Malayalam using Omega	Alex	130
maltese	Support input in Maltese	Farrugia	209
malvern	A sans-serif font family	Cugley	186
mandel	Compute the Mandelbrot set	Unknown	504
mandi	Macros for introductory physics and astronomy	Heafner	248
manfmt	$\LaTeX$ support for the $\TeX$ book symbols	Kielhorn	282
manjutex	Manju language support	Corff	184
manpage	Man pages in $\LaTeX$	Chen	176
manual	Knuth’s “manual” fonts	Knuth, Hoekwater	293
manual209	A document style for manuals	Nieland	363
Manuscript	Emulate look of a document typed on a typewriter	Cepl	174
manyfoot	Adds footnote levels to standard $\LaTeX$ ’s footnote mechanism	Rozhenko	421
manyind	Provides support for many indexes	van der Kallen	275
mapcodes	Support for multiple character sets and encodings	Piotrowski	392
maple	Styles and examples for the MAPLE newsletter	Unknown	504
marathi	Typeset Marathi language using $X_{\LaTeX}$ or Lua $\LaTeX$	Unknown	504
Marcellus	Marcellus fonts with $\LaTeX$ support	Tennent	480
margbib	Display bibitem tags in the margins	Tinnefeld	492
marginal	Extensions to <code>\marginpar</code> handling	Tolušis	493
marginfit	Improved margin notes	Leclaire	310
marginfix	Patch <code>\marginpar</code> to avoid overfull margins	Hicks	255
marginnote	Notes in the margin, even where <code>\marginpar</code> fails	Kohm	295
marginote	Make numbered notes in the margin	Greenwade	236
markdown	Converting and rendering markdown documents inside $\TeX$	Novotný	366
marnote	Place text in the margin of a document	McCauley	340
marvosym	Martin Vogel’s Symbols (marvosym) font	Henlich, Vogel, Miklaveč	253
matapli	Class for the french journal “MATAPLI”	Chupin	180
matc3	Commands for MatematicaC3 textbooks	Vrettos	526
matc3mem	Class for MatematicaC3 textbooks	Vrettos	526
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	190

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	522
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	234
mathabx-type1	Outline version of the mathabx fonts	Hotta	262
mathabx	Three series of mathematical symbols	Phan	388
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	442
mathalphabets	Chinese introduction to mathematical alphabets	Chao	175
mathastext	Use the text font in maths mode	Burnol	165
mathbbol	Use the bbold fonts in mathematics	Knappen	289
mathcmd	Mathematics support commands	Bosisio	157
mathcommand	\newcommand-like commands for defining math macros	Colcombet	182
mathcomp	Text symbols in maths mode	Böb	157
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	389
mathdots	Commands to produce dots in math that respect font size	Luecking	328
mathematica	Support for fonts distributed with Mathematica	Kuska	305
mathesatz-examples	Examples from the book "Mathematiksatzt mit L <sup>A</sup> T <sub>E</sub> X"	Voß	522
mathexam	Package for typesetting exams	Hlavacek	256
mathfam256	Extend math family up to 256 for pL <sup>A</sup> T <sub>E</sub> X/upL <sup>A</sup> T <sub>E</sub> X/Lamed	Yamashita	543
mathfixs	Fix various layout issues in math mode	Beisert	147
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	298
mathgfig	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	515
mathinst	Merge font families to create mathematical font sets	Hoenig	257
mathkit	Generate maths fonts to match outline fonts	Hoenig	257
mathlig	Define maths "ligatures"	Bean	143
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	405
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	396
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	429
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	270
mathptmx	Use Times as default text font, and provide maths support	Schmidt, Jeffrey, Rahtz, Vieth, L <sup>A</sup> T <sub>E</sub> X Team	431
mathpunctspace	Control the space after punctuation in math expressions	Kieda	281
mathrsfs	Support for using RSFS fonts in maths	Knappen	289
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	171
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	548
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	498
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	150
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	513
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	351
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	469
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	128
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	196
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	217
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	348
mathtime-metrics	MathTime AFM files	Unknown	504
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	315
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	259
MathTrip	A trip to the wonderful world of mathematics	Aubord	137
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	518
matlab-prettyfier	Pretty-print Matlab source code	Cretel	185
matlabweb	Literate programming system for Matlab	Potse	395
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	198
mattns	Matrices/tensor typesetting	Els	204
mattnx	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	451



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
maybeload	Prevent reloading of files	Unknown	504
maybemath	Make math bold or italic according to context	Buckley	163
maze	Generate random mazes	Du	198
mbboard	Comprehensive blackboard bold fonts	Phan	388
mbenotes	Notes in tables or images	Borck-Elsner	155
mboxfill	Fill free space with a pattern	Rozhenko	421
mcaption	Put captions in the margin	Hennig	253
mceinleger	Creating covers for music cassettes	Benischke	149
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	510
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	543
mcite	Multiple items in a single citation	Ohl	375
mciteplus	Enhanced multiple citations	Shell	444
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	262
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	310
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	189
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	515
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	435
mdvi	A DVI previewer	Atria	137
mdwfonts	A model for font manipulation	Wooding	539
mdwlist	Miscellaneous list-related commands	Wooding	539
mdwmath	Some maths extensions	Wooding	539
mdwtab	A reimplementaion of tabular and array environments	Wooding	539
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	539
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	191
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	233
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	233
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	304
meetingmins	Format written minutes of meetings	Beitzel	148
megatape	Make cassette tape labels	Nickel	361
mem	A multilingual system for Lamed	Bezos López	320
membranecomputing	Membrane Computing notation	Orellana Martín	336
mendesign	Notes on book design	Wilson, Madsen	537
memexsupp	Experimental memoir support	Madsen	332
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	537
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	504
memo2	A memo document style	McPherson	342
memo209	A memo document style	Roth	417
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	537
MemoirChapterSt...	Chapter styles in memoir class	Madsen	332
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	551
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	457
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	269
mensa-tex	Typeset simple school cafeteria menus	Friedl	220
mentis	A basis for books to be published by Mentis publishers	Verweyen	514
menu	Typesetting menus	Lickert	316
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	218
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	530
MEP_article	Class for Mechanical Engineering Publications	Balemi	139
meper	MetaPost editor and previewer	Pan	382
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte- gration	Sturm	464
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	341
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	480
messagebubbles	Display message bubbles as a conversation	Harrer	247
messagepassing	Draw diagrams to represent communication protocols	Vassor	511

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
meta-mode	Emacs mode for Metafont/post	Vieth	517
metafont-beginners	An introductory tutorial for Metafont	Tobin	493
Metafont	A system for specifying fonts	Knuth	292
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	536
metago	MetaPost output of Go positions	Zheng	551
metainfo	Typeset document outline with metainfo	Sauer	425
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	352
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	199
metanorma	Write Metanorma standardization documents using LaTeX	Brasolin	159
metaobj	MetaPost package providing high-level objects	Roegel	413
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	352
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	492
MetaPost examples	Example drawings using MetaPost	Zoonekynd	553
metapost-matlab	MetaPost data plotting in Matlab style	Yang	544
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	485
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	271
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	225
method	Typeset method and variable declarations	Leineweber, Drucbert	313
metre	Support for the work of classicists	Boggio-Togna	154
metrix	Typeset metric marks for Latin text	Weh	530
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	405
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	267
mf-ps	Metafont-PostScript conversions	Jackowski	266
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	544
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	381
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	468
mf2tex	Add labels into drawings created with Metafont	Spalek	453
mfbook	The source of The Metafontbook	Knuth	292
mff-util	Metafont management	Cugley	186
mff	Multiple font formats	Berdnikov, Turtia	149
mfirstuc	Uppercase the first letter of a word	Talbot	473
mflogo-font	Metafont logo font	Knuth, Hoekwater	293
mflogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	517
mflogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	260
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	349
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	328
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	335
mftinc	Pretty-print Metafont source	Pakin	381
mfttrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	363
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	293
MFWL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	304
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	518
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	259
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	528
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	254
mhequ	Multicolumn equations, tags, labels, sub-numbering	Hairer	242
mhs	Historical mathematics	Brix	161
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	332
mi-solns	Extract solutions from exercises and quizzes	Story	462

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
miamia	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	415
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	344
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	434
microtype	Subliminal refinements towards typographical perfection	Schlicht	429
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	294
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	493
Midi2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	305
midnight	A set of useful macro tools	van der Goot	232
midpage	Environment for vertical centring	Robertson, Wilson	411
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	329
miktex-portable	A version of MikTeX to carry around	Schenk	428
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	428
miktex_update	A cygwin bash script for automatic updating and installing new packages of MiKTeX	Kleber	286
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	235
miller	Typeset miller indices	Harders, Pedersen	247
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	286
milstd	Generate documents according to MIL STD 490	McPherson	342
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	217
mindflow	Write your ideas in a clear way	XU	542
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	409
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	310
minifp	Fixed-point real computations to 8 decimals	Luecking	328
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	405
minim-math	Extensive maths for LuaTeX	Renkema	405
minim-mp	Low-level mplib integration for LuaTeX	Renkema	406
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	406
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	406
minim	A modern plain format for the LuaTeX engine	Renkema	405
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	488
minimalist	Write your articles or books in a simple and clear way	XU	542
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	442
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	153
minipage-marginpar	Minipages with marginal notes	Ebermann	200
MiniPlot	A package for easy figure arrangement	Wahl	527
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	239
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	394
mintspirit	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	480
minutes	Typeset the minutes of meetings	Lickert	316
mirr	PostScript mirror header (for dvips)	BOP	155
mismath	Miscellaneous mathematical macros	Missier	347
missaali	A late medieval OpenType textura font	Syrjänen	467
mitpress	Typeset documents for MIT Press	Unknown	504
mitthesis	A L <sup>A</sup> T <sub>E</sub> X template for MIT theses	Lienhard	317
mk	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	190
mkbangtex	A preprocessor for BangTeX	Ray	402
mkbib	BibTeX file creator	Banerjee	139
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	371
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	408

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mkpic	Perl interface to mfpic	Dekker	190
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	133
mkstmp	Provides a simple workflow for creating custom stamps	Story	462
mla-paper	Proper MLA formatting	Aycock, Wheelwright	137
mla	MLA BibTeX styles	Weissert, Shaw	531
mlacls	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	396
mlawriter	Write MLA style documents in Plain T <sub>E</sub> X	Wang	528
mlbib	Support for multilingual bibliographies	Matiaske	337
mleftright	Variants of delimiters that act as maths open/close	Oberdiek	371
mlist	Logical markup for lists	Robertson	409
MLMath	Mathematical notation for Machine Learning	Ma	331
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	346
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	400
mltex	The MLTeX system	Raichle, Ferguson	401
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschafsrat Mathematik/Informatik Uni Halle	206
mm	A jiffy Multiple Master tool	Goossens, Rahtz	232
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	225
mmafm	Font metrics for multiple-master font	Kohler	294
mmap	Include CMap resources in PDF files from pdfTeX	Moore	350
mmpfb	Create instance of multiple-master font	Kohler	294
mmtools	Multiple master fonts tools	Kohler	294
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	142
mnotes	Margin annotation for collaborative writing	Luz	330
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	539
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube	420
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	153
mnttex	Tools for the "The Secret History of the Mongols"	Corff	184
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	438
moderncv	A modern curriculum vitae class	Danaux, Lachnit	188
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	191
moderntimeline	Timelines for use with moderncv	Pinson	392
modes	A collection of Metafont mode_def's	Berry	150
modguide	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
modiagram	Drawing molecular orbital diagrams	Niederberger	363
modref	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	143
modroman	Write numbers in lower case roman numerals	Henel	252
modular	Relative section headings for modular documents	Sank	424
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	231
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	382
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	142
monofill	Alignment of plain text	Lück	326
monster	Obsolete name for Frankenstein	Swift	466
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	442
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerquin-Kern	252
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	466
moreenum	More enumeration options	Bradley	159
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	261
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	304

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	326
moresize	Allows font sizes up to 35.83pt	Cornelssen	185
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	208
morewrites	Always room for a new write stream	Le Floch	215
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	269
morse	Support for printing Morse code signs	Heyl	255
movement-arrows	Drawing movement arrows on linguistic example sentences	Munn	355
movie15	Multimedia inclusion package	Grahn	233
threed	3D animations	Roegel	414
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	499
mparrows	MetaPost module with different types of arrow heads	Jørgensen	273
mpattern	Patterns in MetaPost	Bolek	154
MPchess	Drawing chess boards and positions with MetaPost	Chupin	180
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	253
mpdinbrief	An enhanced version of dinbrief	Pilzecker	392
MPedit	MetaPost text editor for Win32	Vabishchevich	509
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	346
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	280
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	256
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	252
mptrees	Probability trees with MetaPost	Péault	386
mrcheckbib	A BibTeX file verification tool	Cagnol	168
mrrecog	Recognise un-escaped command names in maths	Wentworth	531
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	435
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	223
mslapa	Michael Landy's APA citation style	Landy	308
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	355
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	504
msym	A partial implementation of the old msym10 font	Horn	260
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	317
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	156
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	458
mtgreek	Use italic and upright greek letters with mathtime	Tinnefeld	492
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	454
mucproc	Conference proceedings for the German MuC-conference	Peischl	387
mugsthesis	Thesis class complying with Marquette University Graduate School requirements	Gessler	225
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	504
multenum	Multi-column enumerated lists	Kletzing	288
multiaudience	Several versions of output from the same source	Veytsman	515
multibbl	Multiple bibliographies	Syropoulos	468
multibib	Multiple bibliographies within one document	Hansen	244
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	278
multicap	Format captions inside multicols	Vassilogiorgakis	511
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	349
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	378
multicolrule	Decorative rules between columns	Hagen	242



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
multidef	Quickly define several similar macros	Markey	335
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	548
multienv	Multiple environments using a “key=value” syntax	Scharrer	427
multiexpand	Variations on the primitive command \expandafter	Le Floch	216
multifootnote	Multiple numbers for the same footnote	XU	542
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	238
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	319
multiobjective	Symbols for multiobjective optimisation etc	Martí	336
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	402
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	377
multitoc	Set table of contents in multiple columns	Schröder, Peischl	435
munich	An alternative authordate bibliography style	Brixner	161
musical	Typeset (musical) theatre scripts	Howell	262
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	173
musictex	Typesetting music with T <sub>E</sub> X	Taupin	476
musikui	Easy creation of “arithmetical restoration” puzzles	Kaneko	275
musixguit	Easy notation for guitar music, in MusiXTeX	Niederberger	363
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	202
musixtex-fonts	Fonts used by MusiXTeX	Tennent, Uchiyama, Taupin	482
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	498
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	482
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	480
musuos	Typeset papers for the department of music, Osnabrück	Weh	530
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	232
mversion	Keeping track of document versions	Schmeing	429
mwcls	Polish-oriented document classes	Woliński	539
mwe	Packages and image files for MWEs	Scharrer	427
mweights	Support for multiple-weight font packages	Tennent	480
mwwrite	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	250
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	363
mycv	A list-driven CV class, allowing TikZ decorations	Gherzi	225
myfilist	Configuring the output of the \listfiles command	Lück	326
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	282
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	397
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	349
na-box	Arabic-aware version of pas-cours package	Mohamed	349
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	349
nabatean	Font for Nabatean script	Wilson	536
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	437
nahuatl	Render nahuatl glyphs	Alvarez Zavala	549
naive-ebnf	EBNF in plain text	Bugayenko	164
nameauth	Name authority mechanism for consistency in body text and index	Schaum	428
named	”Named” bibliography style	Patel-Schneider	385
namedef	TeX definitions with named parameters	Oleinik	375
namedtensor	Macros for named tensor notation	Chiang	179

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	374
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	196
namunstr	An unsorted BibTeX style with labels provided in the database	Unknown	504
nanicolle	Typesetting herbarium specimen labels	Yang	544
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	283
nar	BibTeX style for Nucleic Acid Research	Schneider	433
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	318
natbib	Flexible bibliography support	Daly, Ogawa	188
natded	Typeset natural deduction proofs	Ajalooeian	129
Nath	Natural mathematics notation	Marvan	336
natmove	Move punctuation following a citation	Wright, Arseneau	540
nature	Prepare papers for the journal Nature	Czoschke	186
navigator	PDF features across formats and engines	Isambert	265
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	413
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	345
nbasprt	Print numbers in non-decimal bases	Harders	246
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	515
nccbbb	“Poor man’s” blackboard bold	Rozhenko	421
nccboxes	Elaborate box commands	Rozhenko	421
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	421
ncccropbox	Crop-marked boxes	Rozhenko	421
ncccropmark	Draw cropmarks on the output page	Rozhenko	421
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	421
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	421
nccfoots	User-generated footnote marks	Rozhenko	421
NCC-LaTeX	An extended general-purpose class	Rozhenko	421
nccmath	Extended mathematics capabilities	Rozhenko	421
nccparskip	Modify skips between paragraphs	Rozhenko	421
nccpic	Extend the graphicx package for more formats	Rozhenko	421
nccrules	Compose dashed lines	Rozhenko	421
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	421
ncstretch	Insert a stretch between each token of a string	Rozhenko	421
nccthm	Another theorem environment	Rozhenko	422
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	422
nChairX	Maths macros from chair X of Würzburg University	Dippell	193
nddiss	Notre Dame Dissertation format class	Vijay, Brower	518
nds-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	168
nds-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	491
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	411
NL_hyphenation	Hyphenation patterns for Dutch	Tutelaers	498
nemocal	Calendar maker	Jeong	271
nestquot	Alternate quotes between double and single with nesting	Hars	248
neufont	New font installation	Lorenz	323
neuralnetwork	Graph-drawing for neural networks	Cowan	185
neuron	BibTeX style for the journal Neuron	Rizzuto	408
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	209
newapa	Another APA citation mechanism	Spencer, Ryu	453
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	466
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	381

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	496
newenviron	Processing an environment's body	Musa	357
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	412
newfloat	Define new floating environments	Sommerfeldt	452
newinsert	Reworking Plain T <sub>E</sub> X's insert macros	Neumann	361
newl <sub>fm</sub>	Write letters, facsimiles, and memos	Thompson	491
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	214
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	391
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	442
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	429
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	442
newtxsf	Sans-math fonts for use with newtx	Sharpe	442
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	442
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	237
newvbtm	Define your own verbatim-like environment	Nakashima	358
newverbs	Define new versions of \verb, including short verb versions	Scharrer	427
nextpage	Generalisations of the page advance commands	Robertson, Wilson	412
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	522
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	404
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	349
ngerman	Support for new German typography	Raichle	400
nicefilelist	Provide \listfiles alignment	Lück	326
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	404
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	364
niceframe	Support for fancy frames	Ohlhaut	375
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	383
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	326
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	326
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	269
nih	A class for NIH grant applications	Donald	194
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	333
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	442
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	420
ninecolors	Select colors with proper WCAG color contrast	Lyu	331
NJUrepo	Reports for Nanjing University	Zheng	551
njusthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	551
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	551
njuvisual	Display logos related to Nanjing University	Xiong	542
nkarta	A "new" version of the karta cartographic fonts	Luecking	328
nl-interval	Represent intervals on the number line	Neves	361
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	260
nlctdoc	Package documentation class	Talbot	473
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	515
nndraw	Draw neural networks	Dias	193
nnext	Extension for the gb4e package	LaCara	306
nnfootnote	"No number" footnotes	Ellison	203
noconflict	Resolve macro name conflict between packages	Hossain	261
nodetree	Visualize node lists in a tree view	Friedrich	220
nofill	Preserve spaces and line breaks when setting text	Unknown	504
nohyph	Norwegian hyphenation	Kleveland, Selberg,	288
nohyphbx	General hyphenation patterns for Norwegian	Hufthammer	
		Kleveland, Selberg	288

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	251
noitcrul	Improved underlines in mathematics	Ebermann	200
noibreaks	No line breaks in text	Arseneau	134
nomenc1	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan, Netherton, Schandl	516
nomentbl	Nomenclature typeset in a longtable	Elmegaard	203
nonfloat	Non-floating table and figure captions	Rascher	402
nonumonpart	Prevent page numbers on part pages	Henel	252
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	170
noprot	Avoid the need for protection	Sozuer	453
norbib	Norwegian bibliography styles	Langmyhr	308
normalcolor	Changing \normalcolor	Kohm	295
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	516
notes	Mark sections of a document	Webb	529
notes2bib	Integrating notes into the bibliography	Wright	540
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	278
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	192
noTeX-bst	A BibTeX style that outputs HTML	Vigna	517
noto-emoji	Noto Emoji fonts	Zeng	550
noto	Support for Noto fonts	Tennent	481
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	134
notoCJKsc	This package provides Noto CJK fonts	Zhou	551
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	481
notomath	Math support for Noto fonts	Sharpe	442
novel	Class for printing fiction, such as novels	Allgeyer	131
noweb	A simple extensible literate programming tool	Ramsey	401
nowidow	Avoid widows	Pinson	392
nox	Adaptable tables	Borck-Elsner, Schöpf	156
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	425
nrc	Class for the NRC technical journals	Fairbairns, Thiele	208
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	464
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Gebruikersgroep	359
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	504
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	264
ntheorem	Enhanced theorem environment	May, Schedler	339
NTS-L	NTS mailing list digests	Unknown	504
NTS	New Typesetting System	The NTS Project	485
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	290
nuc	Notation for nuclear isotopes	Davis	189
nucleardata	Provides data about atomic nuclides for documents	Nettles	359
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	336
numberedblock	Print a block of code, with unique index number	Segletes	439
numberpt	Counters spelled out in Portuguese	Frasson	219
numending	Generates morphological end of units	Kirillova	284
numERICA-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	384
numERICA-tables	Create multi-column tables of mathematical functions	Parsloe	384
numERICA	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	384
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	297
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	268
numname	Convert a number to its English expression	Swamidass	465
numnameru	Converts a number to the russian spelled out name	Vit	518

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
numprint	Print numbers with separators and exponent if necessary	Harders	246
numspell	Spelling cardinal and ordinal numbers	Tómacs	494
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	224
nwejm	Support for the journal “North-Western European Journal of Mathematics”	Bitouzé	152
<b>OOOOO</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	536
obas	Web based interface to a bibliographical database	van Heerden	249
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	371
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	400
obnov	Obyknovennaya Novaya fonts	Solomykov	451
obsolete	A tree holding obsolete software	Unknown	505
oca	OCR A font	Wales	527
occam	Strip unnecessary macros from a file	Siebenmann	446
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	532
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	335
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	222
ocgx2	Drop-in replacement for ‘ocgx’ and ‘ocg-p’	Grahn	233
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	289
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	468
ocr-a	Fonts for OCR-A	Wales, Lillqvist	527
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	527
ocr-b	Fonts for OCR-B	Schwarz	437
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	273
octave	Typeset musical pitches with octave designations	Cashner	173
octavo	Typeset books following classical design and layout	Revetts	406
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	258
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	138
ofntinst	Install Type 1 for use with Omega	Kryukov	302
ofs	Macros for managing large font collections	Olšák	376
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	457
ogonek	Support for Polish typography and the ogonek	Bień	151
oinuit	L <sup>A</sup> T <sub>E</sub> X Support for the Inuktitut Language	Syropoulos	468
okuda	Fonts for Klingon	Kummer, Shoulson	304
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	195
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	342
oldlatin	Compute Modern-like font with long s	Terashita	482
oldprsn	Fonts old Persian cuneiform script	Wilson	536
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	302
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	207
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	495
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	376
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	245
12many	Generalising mathematical index sets	Schwarz	437
OneDown	Typeset Bridge Diagrams	Wiersma	533
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	391
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using amsmath	Harders	246
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	339
oops	A framework for making definitions, typically mathematical, inline	Rogard	414



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
opacity-pro	Set transparency and blend mode	Story	462
opcit	Footnote-style bibliographical references	Garcia-De Castro	173
opencolor	Definitions from the Open Color library	Piazzai	389
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	350
oPlotSymb1	Some symbols which are not easily available	Döhring	194
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	201
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	376
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	248
optidef	Environments for writing optimization problems	Lago Garcia	223
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	313
optparams	Macros with multiple optional parameters	Sauer	425
orcidlink	Insert hyperlinked ORCID logo	Stein	458
Orderer	Order references in a T <sub>E</sub> X file	Siddikov	446
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	219
oriental	A version of T <sub>E</sub> X for which Oriental languages are native	Prosoft International	396
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	346
oriya	Typesetting the Oriya script using T <sub>E</sub> X	Hellingman, Pandey	251
orkhun	A font for orkhun script	Rakhimov	401
os2tex	A distribution of T <sub>E</sub> X for OS/2 Warp	Kleinböhl	288
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	377
oscola	BibL <sup>A</sup> T <sub>E</sub> X style for the Oxford Standard for the Citation of Legal Authorities	Stanley	457
OSDA	Commands for Proceedings of the Workshop on Open-Source Design Automation	Krieg	300
osmanian	Osmanian font for writing Somali	Stanier	456
oststud	Templates for the student organization at OST FH, Switzerland	Pross	396
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	399
OT2Woff	OpenType to Woff converter	Frane Jr	274
otfinst	Install OpenType fonts for use in T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X systems	Owens	379
otftofd	Generate control files for OpenType fonts	Washburn	529
othello	Modification of a Go package to create othello boards	le Comte	183
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	243
oubraces	Braces over and under a formula	Arseneau	134
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	272
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	213
OutilsGeomTikZ	Some geometric tools, with TikZ	Pierquet	389
outline	List environment for making outlines	Halvorson, Flaxman	243
outliner	Change section levels easily	Eijkhout	202
outlines	Produce "outline" lists	Pecheur	386
outlining	Create outlines for scientific documents	Block	153
oval	Round-cornered framed boxes	Schalück	426
ovalfbox	Boxes with frames whose corners are rounded	Unknown	505
overarrows	Custom extensible arrows over math expressions	Labbé	306
overcite	Compressed lists of superscript numerical citations	Arseneau	134
overlays	Incremental slides	Nolda	365
overlock	Overlock sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
overpic	Combine L <sup>A</sup> T <sub>E</sub> X commands over included graphics	Niepraschk	364
overrightarrow	Doubled "over" arrow	Kilfiger	282
overword	Parse text	Bennett	149
oxford	A BibTeX style geared for use in the humanities	Antman	132

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	323
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	343
oztex	TeX for the Macintosh	Trevorrow	495
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	536
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	481
padcount	Pad numbers with arbitrary characters	Goodman	231
pagecolor	Interrogate page color	Münch	354
pagecont	Page numbering that continues between documents	Frasson	219
pagedraw	Drawing program with EPS output	Karunakaran	277
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	428
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	450
pagegrid	Print page grid in background	Oberdiek	371
pagelayout	Layout graphic rich documents	Bartels	141
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	522
pageno	Page number-only page styles	McDonnell	340
pagenote	Notes at end of document	Robertson, Wilson	412
pagerange	Flexible and configurable page range typesetting	Musa	357
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	499
pagesel	Select pages of a document for output	Oberdiek	371
pageslts	Variants of last page labels	Münch	354
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	399
palette	Create palettes for colors and symbols that can be swapped in	Chen	176
palladam	A Tamil font for Macintosh users	Govindaraj	233
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	273
pandora-type1	The Pandora font family	McPhee, Billawalla	341
pandora	The Pandora font family	Billawalla	152
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	550
paper	Versions of article class, tuned for scholarly publications	Matiaske	337
papercdcase	Origami-style folding paper CD case	Dussa	199
papermas	Compute the mass of a printed version of a document	Münch	354
papertex	Class for newspapers, etc	Llopis	318
paracol	Multiple columns with texts “in parallel”	Nakashima	358
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	383
paragraphs	Paragraph “tricks” macros	Unknown	505
paralist	Enumerate and itemize within paragraphs	Schandl	426
parallel	Typeset parallel texts	Eckermann	201
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	209
parboxx	Two extra alignment options for \parbox	Knappen	290
parcolumns	Multiple column parallel typesetting	Sauer	425
parasse	Define simple macros for greek letters	Henel	253
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	280
parnotes	Notes after every paragraph (or elsewhere)	Hughes	263
parrun	Typesets (two) streams of text running parallel	Dominici	194
parsa	A X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	402
parselines	Apply a macro to each line of an environment	Chervet	178
parsitex	A localized Persian and bidirectional extension of T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	280
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	208
pas-cours	Macros useful in preparing teaching material	Pasquet	384
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	384
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	384
pas-tableur	Create a spreadsheet layout	Pasquet	385

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	224
passivetex	Support package for XML/SGML typesetting	Rahtz	399
patch	Patch loaded packages, etc.	Kastrup	277
patchcmd	Change the definition of an existing command	Downes	196
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	316
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	244
path	Typeset paths, making them breakable	Taylor	477
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	200
pawpict	Using graphics from PAW	Holm Christensen	180
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	374
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	165
pbalance	Balance last page in two-column mode	Lago	306
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	332
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	269
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	141
pbmto gf	Convert PBM images to GF font files	Wong	539
PBMtoPK	Conversion between PBM and PK formats	Duggan	198
pbox	A variable-width \parbox command	Law	310
pbsheet	Problem sheet class	Chafaï	174
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	516
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	394
pcinfss	Font support for current PCL printers	Harcke	245
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	148
pdcmac	Damian Cugley's document tools	Cugley	186
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	300
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	242
pdf-trans	A set of macros for various transformations of T <sub>E</sub> X boxes	Jackowski	268
pdf14	Restore PDF 1.4 to a T <sub>E</sub> X live 2010 format	Pégourié-Gonnard	386
pdfarticle	Class for pdf publications	Paciorek	379
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	203
pdfbook2	Create booklets from PDF files	Neumann	360
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	371
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	371
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	371
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	372
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	372
pdfcomment	A user-friendly interface to pdf annotations	Kleber	286
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer, Hughes	436
pdfcrop	Crop PDF graphics	Oberdiek	372
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	372
pdfescape	Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX	Oberdiek	372
pdfextra	Extra PDF features for (Op)TeX	Vlasák	518
pdfjam	Shell scripts interfacing to pdfpages	Firth, Thomas	214
pdfflatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	534
pdfscape	Make landscape pages display as landscape	Oberdiek	372
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	488
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	211
pdfMsym	PDF Math Symbols — various drawn mathematical symbols	Unknown	505
pdfoverlay	A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF	Purton	397
pdfpagediff	Find difference between two PDF's	Radhakrishnan	398
pdfpages	Include PDF documents in L <sup>A</sup> T <sub>E</sub> X	Matthias	338
pdfpc-movie	Pdfpc viewer-compatible hyperlinks to movies	Friedl	220

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	456
pdfprivacy	A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data	Sion	448
PDFrack	Use psfrag with pdfLaTeX	Boyer	158
pdfrender	Control rendering parameters	Oberdiek	372
pdfreview	Annotate PDF files with margin notes	Palmer	382
pdfscreen	Support screen-based document design	Radhakrishnan	398
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	398
pdfsync	Provide links between source and PDF	Laurens	309
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	408
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	282
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	299
pdftex	A T <sub>E</sub> X extension for direct creation of PDF	Thành, The pdfTeX Team, T <sub>E</sub> XLive	483
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	372
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	399
pdftricks2	Use PSTricks in pdfTeX	Reibiger	404
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	399
pdfxup	Create n-up PDF pages with minimal margins	Markey	335
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	268
pedigree-perl	Generate T <sub>E</sub> X pedigree files from CSV files	Veytsman, Akhmadeeva	516
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> T <sub>E</sub> X users	Ewasiuk	206
penlightplus	Additions to the Penlight Lua libraries	Ewasiuk	206
penrose	A TikZ library for producing Penrose tilings	Stacey	455
perception	BibTeX style for the journal Perception	Singer	448
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	354
perltx	Define L <sup>A</sup> T <sub>E</sub> X macros in terms of Perl code	Pakin	381
permute	Support for symmetric groups	Heinz	250
perpage	Make a counter reset at every page boundary	Kastrup	277
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	394
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	295
pficons	Draw process flow diagrams in chemical engineering	Drews	196
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	308
pfnote	Number footnotes per page	Nakashima	358
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	395
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	397
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	530
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	230
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	485
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	191
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	230
pgf-umlcd	Some L <sup>A</sup> T <sub>E</sub> X macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	547
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	485
pgf	Create PostScript and PDF graphics in T <sub>E</sub> X	The PGF/TikZ Team, Tantau, Feuersänger, Menke	485
pgfgantt	Draw Gantt charts with TikZ	Skala	449
pgfkeys	Key value control for PGF	Tantau	475
pgfkeyx	Extended and more robust version of pgfkeys	Musa	357
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	455
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	449

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	455
pgfplots	L <sup>A</sup> T <sub>E</sub> X package options with pgfkeys	Wright	540
pgfgornament-han	pgfgornament library for Chinese traditional motifs and patterns	Lim	317
pgfgornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	337
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	211
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	211
pgothic	Fonts based on the Gothic Textura Presciscus manuscript book-hand	Wilson	536
phaistos	Disk of Phaistos font	Syropoulos	468
phfcc	Convenient inline commenting in collaborative documents	Faist	208
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	208
phffullpagefigure	Figures which fill up a whole page	Faist	208
phfnote	Basic formatting for short documents	Faist	208
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	208
phfqit	Macros for typesetting Quantum Information Theory	Faist	208
phfquotetext	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	379
philokalia	A font to typeset the Philokalia Books	Syropoulos, Gamvetas	468
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	516
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	536
phoncard	Format telephone number lists	Greening	236
phonenumber	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	530
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	385
phonrule	Typeset linear phonological rules	Coretta	183
photo	A float environment for photographs	Kuhlmann	303
photobook	A document class for typesetting photo books	Naanou	358
phy-bstyles	A collection of BibT <sub>E</sub> X styles for physics journals	Karney, Bode	276
physconst	Macros for commonly used physical constants	Mulligan	353
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	550
physunits	Macros for commonly used physical units	Mulligan	353
physymb	Assorted macros for Physicists	Zaslavsky	549
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	275
pi	Calculate pi	Roegel	413
piano	Typeset a basic 2-octave piano diagram	Daneault	189
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	453
picins	Insert pictures into paragraphs	Bleser	153
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	292
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	223
pictex-autoarea	Automatic computation of bounding boxes with PiCT <sub>E</sub> X	Lück	326
PicT <sub>E</sub> X	Picture drawing macros for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Wichura	533
pictex2	Adds relative coordinates and improves the \plot command	Park	384
PicT <sub>E</sub> Xsum	A summary of PicT <sub>E</sub> X commands	Duggan	198
pictexwd	A patched version of PicT <sub>E</sub> X using fewer registers	Schrell	433
picture	Dimens for picture macros	Oberdiek	372
piechart	Simple pie-charts with PSTricks	Girou	227
piechartmp	Draw pie-charts using MetaPost	Morawski	351
piff-ams	Early macros for using AMS fonts	Piff	391
piff	Macro tools by Mike Piff	Piff, Carlisle	391
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	432
pigpen	A font for the pigpen (or masonic) cipher	Corff	184



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pinlabel	A $\TeX$ labelling package	Rourke	419
pinouTikZ	Draw chip pinouts with TikZ	Blazek	153
pitex	Documentation macros	Isambert, Robbers	265
python	Typeset Python listings with LPEG	Pantigny	383
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	173
pitthesis	Document class for University of Pittsburgh theses	Kim	283
pixelart	Draw pixel-art pictures	Paternault	385
PixelArtTikZ	Work with PixelArts, with TikZ	Pierquet	389
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	528
pkfind	A ‘find’ command which understands pk files	Vojta	519
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	381
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	372
pkgcheck	CTAN package checker	Lotz	324
pkgloader	Manage the options and loading order of other packages	Helvensteijn	251
pkuthss	$\LaTeX$ template for dissertations in Peking University	Vector	512
pkware	Utility programs for use with PK bitmap fonts	Rokicki, $\TeX$ Live	415
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	267
pl	Literate Programming for Prolog with $\LaTeX$	Neugebauer	360
placeat	Absolute content positioning	Trautmann	495
placeins-plain	Insertions that keep their place	Arseneau	135
placeins	Control float placement	Arseneau	134
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	292
plainmisc	Miscellaneous contributed macros for plain $\TeX$	Unknown	505
plainpkg	A minimal method for making generic packages	Lück	327
plainyr	Plain bibliography style, sorted by year first	Perrone	388
plantslabels	Write labels for plants	Merciadri	343
plantuml	Support for rendering UML diagrams using PlantUML	Kopp	298
plari	Typesetting stageplay scripts	Kaijanaho	275
plates	Arrange for “plates” sections of documents	Tanbakuchi	475
platex-tools	p $\LaTeX$ standard tools bundle	Yamashita	543
platex	p $\LaTeX$ 2e and miscellaneous macros for p $\TeX$	Maeda, Japanese $\TeX$ Team	332
platexcheat	A $\LaTeX$ cheat sheet, in Japanese	Asakura	136
plautopatch	Automated patches for p $\LaTeX$ /up $\LaTeX$	Yamashita	543
play-font	The Play font face with support for $\LaTeX$ and pdf $\LaTeX$	Ebinger	201
play	Typeset drama using $\LaTeX$	Kilfiger	282
playcards	A simple template for drawing playcards	Pages	379
playfair	Playfair Display fonts with $\LaTeX$ support	Tennent	481
plcalendar	Plain macros for making nice calendars	Unknown	505
plex-otf	Support for the OpenType font IBM Plex	Voß	522
plex	Support for IBM Plex fonts	Tennent	481
plfonts	Polish extension to Computer Modern fonts	Unknown	505
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	297
plimsoll	Fonts with the Plimsoll symbol and $\LaTeX$ support	Jørgensen	273
plipsum	‘Lorem ipsum’ for Plain $\TeX$ developers	Spina	453
plnfss	Font selection for Plain $\TeX$	Thành, Konecny, Kotucha	483
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	367
plstmary	St. Mary’s Road font support for plain $\TeX$	Luecking	328
pm-isomath	Poor man ISO math for pdf $\LaTeX$ users	Beccari	144
pmat	Typeset partitioned matrices	Oliveira e Silva	447
pmboxdraw	Poor man’s box drawing characters	Oberdiek	372
pmcstex	$\LaTeX$ in em $\TeX$ IDE/FrontEnd for EPM	Mikulik	345

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	462
pmdpl	Examples from "Praca magisterska i dyplomowa"	Przechlewski	396
pmgraph	"Poor man's" graphics	Berdnikov, Grineva	149
pmhanguljamo	Poor man's Hangul Jamo input method	Kim	283
pmtex	Preprocessor for MusicTeX	Simons	448
pmx	Preprocessor for MusiXTeX	Simons, Tennent	448
pmxchords	Produce chord information to go with pmx output	Fafejta	206
PNAS	BibTeX style for PNAS (old version)	Rogers	415
PNAS 2009	BibTeX style for PNAS (newer version)	Rogers	415
png2pdf	PNG to PDF converter	Krause	300
poemscol	Typesetting Critical Editions of Poetry	Burt	166
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoening	257
poetry	Facilities for typesetting poetry and poetical structure	Goodman	231
poetrytex	Typeset anthologies of poetry	Whited	532
pointruler	12" Ruler containing Points and Inches	Henderson	252
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
polexpr	A parser for polynomial expressions	Burnol	165
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	367
polski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	376
poltawski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	266
polyglossia	An alternative to babel for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Charette, Rosendahl, Spitzmüller	175
polynom	Macros for manipulating polynomials	Heinz, Adriaens	250
polynomial	Typeset (univariate) polynomials	Höst	261
polytable	Tabular-like environments with named columns	Löh	319
poorman	Raster Chinese and Japanese fonts	Ridgeway	407
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	166
popupmenu	Create popup menus in PDF files	Story	462
Portable MikTeX	Instructions for setting up MikTeX on a portable device	Grahn	233
portland	Simple portrait/landscape switching	Partl	384
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	259
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	405
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	285
poster-mac	Make posters and banners with T <sub>E</sub> X	Van Zandt	548
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	389
postnotes	Endnotes for L <sup>A</sup> T <sub>E</sub> X	Barros	140
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	522
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	316
powerdot	A presentation class	Adriaens, Ellison	128
ppchtex	Typeset chemical formula diagrams	Hagen	242
pphlp	Generate VMS help files from L <sup>A</sup> T <sub>E</sub> X 2.09 source	Gray	235
ppower4	A postprocessor for PDF presentations	Guntermann	240
ppr-prv	Prosper preview	Goutelle	233
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	164
pracjourn	Typeset articles for PracTeX	Robertson	409
practical-latex	Example files for "Practical L <sup>A</sup> T <sub>E</sub> X"	Grätzer	235
practicalreports	Some macros for writing practical reports	Cawood	173
precattl	Prepare special catcodes from token list	user202729	509
prelim	Mark preliminary copies with a line of information	Tolksdorf	493
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	435
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	481

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
present	Presentations with Plain T <sub>E</sub> X	Meister	343
presentations-en	Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X	Voß	522
presentations	Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X	Voß	522
pressrelease	A class for typesetting press releases	Talbot	473
prettyref	Make label references "self-identify"	Ruland	422
prettytok	Pretty-print token lists	user202729	509
preview-latex	Preview equations in Emacs	Kastrup	277
preview	Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output	Kastrup, The AUCTeX Team	277
prftree	Macros for building proof trees	Benini	149
principia	Notations for typesetting the "Principia Mathematica"	Elkind	203
printbib	Print the contents of a bibliography	Unknown	505
printlen	Print lengths using specified units	Robertson, Wilson, Harders	412
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	361
probsoln	Generate problem sheets and their solution sheets	Talbot	474
proc	Class for producing "proceedings"	L <sup>A</sup> T <sub>E</sub> X Team	488
processkv	Process key-value pairs	Sauer	425
procIAGssymp	Macros for IAG symposium papers	Benciolini	148
prodint	A font that provides the product integral symbol	Gill, Loredó-Osti	227
productbox	Typeset a three-dimensional product box	Neugebauer	360
ProfCollege	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college	Poulain	395
proflabo	Draw laboratory equipment	Mounier	352
ProfLycee	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school	Pierquet	390
profmaquette	Use exercises in different types of documents	Poulain	395
profsio	Commands (with TikZ) to work with French "BTS SIO" maths themes	Pierquet	390
progkeys	Typeset programs, recognising keywords	Alabau	129
program	Typesetting programs and algorithms	Ward	529
progress	Creates an overview of a document's state	Graversen	235
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	271
ProjLib	A series of tools to simplify your workflow	XU	542
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	190
proofs	Macros for building proof trees	Taylor	476
prooftrees	Forest-based proof trees (symbolic logic)	Rees	403
properties	Load properties from a file	Niedermair	363
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	294
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goualard	232
protecteddef	Define protected commands	Oberdiek	372
protex	Literate programming package	The TeX4ht Team, Gurari	483
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	211
protocol	A class for minutes of meetings	Leineweber	313
protosem	Fonts for proto-Semitic cuneiform script	Wilson	536
prtec	A template for PRTEC conference papers	Lienhard	317
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	190
przechlewski-book	Examples from Przechlewski's L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	396
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	153
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	512
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	498
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	359
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	359
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	364
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	514

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
psbox	PostScript box macros, etc	Orloff	378
psboxit	Enables one to put a PostScript drawing behind a $\TeX$ box	Maillot	333
pseudo	Straightforward pseudocode	Hetland	255
pseudocode	$\LaTeX$ environment for specifying algorithms in a natural way	Kreher	300
psfig	A graphics inclusion package	Darrell	189
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	194
psfont	Alternative font handling in $\LaTeX$	Kirsch	285
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	400
psfonts	PostScript fonts for use with $\TeX$ and $\LaTeX$	Unknown	505
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	179
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	234
psfragger	Use psfrag and $\LaTeX$ to label an eps file	Cermelj	174
psfragx	A psfrag eXtension	Kockaert	294
psgo	Typeset go diagrams with PSTricks	Bos	156
psgreek	$\LaTeX$ support for Greek Type 1 fonts	Kryukov, Justen	302
psizzl	A $\TeX$ format for physics papers	Ogawa	375
pslatex	Use PostScript fonts by default	Carlisle	170
psmerge	Concatenate PostScript files	Duggan	198
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	430
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, $\LaTeX$	431
		Team, Rahtz	
psnfssx-8r	Raw Type 1 fonts with $\LaTeX$	Unknown	505
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	399
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	260
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	431
pspic	Drawing pictures using PostScript specials	Thorup	491
pspicture	PostScript picture support	Carlisle	170
psrip	Extract images from PostScript files	Lackas	306
pssplit	Select pages from PostScript files	Kleiweg	288
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	548
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	522
pst-abspos	Put objects at an absolute position	Voß	522
pst-am	Simulation of modulation and demodulation	Luque, Voß	329
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	524
pst-arrow	Special arrows for PSTricks	Voß	522
pst-asr	Typeset autosegmental representations for linguists	Frampton	218
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	407
pst-barcode	Print barcodes using PostScript	Burton, Voß	167
pst-bezier	Draw Bezier curves	Nähring, Voß	358
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	226
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	442
pst-calculate	Support for floating point operations at $\LaTeX$ level	Voß	522
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	329
pst-cie	CIE color space	Luque, Voß	330
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	524
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	525
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	329
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	329
pst-dart	Plotting dart boards	Voß	522
pst-dbicons	Support for drawing ER diagrams	May	339
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	330
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	227
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	525
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	276

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	413
pst-exa	Typeset PSTricks examples, with code	Voß	522
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	523
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	228
pst-fit	Macros for curve fitting	Ledger, Voß	311
PST-Flags	Draw flags of countries using PSTricks	Manthanwar	334
pst-fp	Fixed-point arithmetic in PSTricks	Voß	523
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	227
pst-fractal	Draw fractal sets using PSTricks	Voß	523
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	330
pst-func	PSTricks package for plotting mathematical functions	Voß	523
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	228
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	329
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	451
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	228
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	525
pst-graphicx	A PSTricks-compatible graphicx for use with Plain $\TeX$	Voß	523
pst-hsb	Curves with continuous colours	Voß	523
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	273
pst-intersect	Compute intersections of arbitrary curves	Bersch	150
pst-Jtree	Typeset complex trees for linguists	Frampton	218
pst-knot	PSTricks package for displaying knots	Voß	523
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	227
pst-layout	Page layout macros based on PSTricks packages	Sharpe	442
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	329
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	227
pst-lsystem	Create images based on a L-system	Voß	523
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	227
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	227
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	273
pst-mirror	Images on a spherical mirror	Luque, Voß	330
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	227
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	548
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	228
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	233
pst-optexp	Drawing optical experimental setups	Bersch	150
pst-optic	Drawing optics diagrams	Luque, Voß	330
pst-osci	Oscgones with PSTricks	Luque, Jorssen	329
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	549
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	196
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	364
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	516
pst-perspective	Draw perspective views using PSTricks	Söll	451
pst-platon	Platonic solids in PSTricks	Luque, Voß	330
pst-plot	Plot data using PSTricks	Van Zandt, Voß	549
pst-poker	Drawing poker cards	Voß	523
pst-poly	Polygons with PSTricks	Girou, Voß	228
pst-pulley	Plot pulleys, using PSTricks	Söll	451
pst-qtree	Simple syntax for trees	Chiang, Gildea	179
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	451
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	330
pst-shell	Plotting sea shells	Voß, Luque	525
pst-sigsys	Support of signal processing-related disciplines	Delgosha	191



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-slpe	Sophisticated colour gradients	Giese, Voß	226
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	330
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmittbuhl, Voß	517
pst-soroban	Draw a Soroban using PSTricks	Delmotte	191
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	432
pst-spinner	Drawing a fidget spinner	Voß, Luque	525
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	330
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	336
pst-support	Assorted support files for use with PSTricks	Voß	523
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	525
pst-thick	Drawing very thick lines and curves	Luque, Voß	330
pst-tools	PSTricks support functions	Voß	523
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	524
pst-turtle	Commands for “turtle operations”	Voß	523
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	549
pst-uml	UML diagrams with PSTricks	Diamantini	192
pst-vectorian	Printing ornaments	Fradin	218
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	451
pst-venn	A PSTricks package for drawing Venn sets	Voß	523
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	355
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	330
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	128
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	524
pstdoc	A tool for PSTricks documentation	Sharpe	442
ptex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	263
ptoeedit	Translate PostScript and PDF to other formats	Glunz	228
ptool	Support for psfrag within pdfLaTeX	Robertson, Prime	410
ptotext	Extract ASCII from PostScript and PDF	Birrell, McJones	152
ptrees	Construct linguistics trees using a preprocessor	Sternefeld	459
pstricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	525
pstricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	524
pstricks-calcnates	Use of PSTricks in calculus lecture notes	Quan	397
pstricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	523
pstricks-exampl...	Examples from PSTricks book (English edition)	Voß	523
pstricks-examples	PSTricks examples	Voß	523
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	198
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	269
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	269
ptex-fonts	Fonts for use with pTeX	Japanese T <sub>E</sub> X Team, Maeda	269
ptex-manual	Japanese pTeX manual	Japanese T <sub>E</sub> X Team	269
ptex-texmf	Macro and other extensions for use with PTeX	Japanese T <sub>E</sub> X Team	269
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	269
ptex2pdf	Convert Japanese T <sub>E</sub> X documents to PDF	Japanese T <sub>E</sub> X Team	269
ptext	A ‘lipsum’ for Persian	Damanafshan	188
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	406
ptlatexcommands	L <sup>A</sup> T <sub>E</sub> X to commands in Portuguese	Pereira de Morais Junior	350
ptmsc	Addon to the newtx package	Sharpe	443
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	547
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	494

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ptsans	PT Sans font and L <sup>A</sup> T <sub>E</sub> X support	Farar	209
ptserif	PT Serif font and L <sup>A</sup> T <sub>E</sub> X support	Farar	209
Punk-L <sup>A</sup> TeX	L <sup>A</sup> T <sub>E</sub> X support for punk fonts	Jørgensen	273
punk	Donald Knuth's punk font	Knuth, Grover	293
punknova	OpenType version of Knuth's Punk font	Hosny, Knuth	261
purifyeps	Make EPS work with both L <sup>A</sup> T <sub>E</sub> X/dvips and pdfL <sup>A</sup> TeX	Pakin	381
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	378
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	428
PWT	An outline of publishing with T <sub>E</sub> X	van der Laan	306
pxbase	Tools for use with (u)pL <sup>A</sup> TeX	Yato	546
pxchfon	Japanese font setup for pL <sup>A</sup> T <sub>E</sub> X and upL <sup>A</sup> TeX	Yato	546
pxcjkcat	L <sup>A</sup> T <sub>E</sub> X interface for the CJK category codes of upT <sub>E</sub> X	Yato	546
pxfonts	Palatino-like fonts in support of mathematics	Ryu	423
pxgreek	Shape selection for PX fonts Greek letters	Burnol	166
pxjahyper	Hyperref support for pL <sup>A</sup> TeX	Yato	546
pxjodel	Help change metrics of fonts from japanese-otf	Yato	546
pxpgfmark	e-pT <sub>E</sub> X driver for PGF inter-picture connections	Yato	546
pxpic	Draw pixel pictures	Spratte	455
pxrubrica	Ruby annotations according to JIS X 4051	Yato	546
pxtatescale	Patch to graphics driver for scaling in vertical direction of pT <sub>E</sub> X	Yamashita	543
ptxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	443
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	546
pybib	Command line utilities to check, sort, merge BibT <sub>E</sub> X files	Corke	184
pybliographer	A tool for managing bibliographic databases	Gobry	229
pydocstrip	Scripted version of L <sup>A</sup> T <sub>E</sub> X docstrip	Huynh	264
pygmentex	Use Pygments to format code listings in documents	Malaquias	334
PyLuaT <sub>E</sub> X	Execute Python code on the fly in your L <sup>A</sup> T <sub>E</sub> X documents	Enderle	204
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	512
pythonimmediate	Library to run Python code	user20729	509
pythontex	Run Python from within a document, typesetting the results	Poore	394
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	345
<b>QQQQQ</b>			
qbibman	Graphical frontend to BibTool	Goertz	229
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	199
QCM	A L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> class for making multiple choice questionnaires	Verna	513
qdtexvpl	Quick and dirty virtual font creation	Mattes	337
qed	Produce an "end-of-proof" mark	Taylor	476
qfig	DOS graphics program	Ofosu-Amaah	375
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	271
qm	Commands for bras and kets and the like	Christlieb	180
qms	VMS tools for controlling QMS printers	Unknown	505
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	448
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	387
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	252
qrstamps	Create QR codes using stamps	Story	462
qsharp	Syntax highlighting for the Q# language	Granade	233
qstest	Bundle for unit tests and pattern matching	Kastrup	277
qsymbols	Maths symbol abbreviations	Rose	417
qtree	Draw tree structures	Dimitriadis, Siskind	193
qualitype	The QualiType font collection	Miller	346
quantikz	Draw quantum circuit diagrams	Kay	278

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
quantumarticle	Document class for submissions to the Quantum journal	Quantum – the open journal for quantum science, Meyer, Gogolin	397
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
quickreaction	A simple and fast way to typeset chemical reactions	Lambertini	307
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	344
quiver	Draw commutative diagrams exported from <a href="https://q.uiver.app">https://q.uiver.app</a>	Unknown	505
quiz2socrative	Prepare questions for socrative quizzes	Lella	314
quizztex	Create quizzes like in TV shows	Pierquet	390
quotation	Typeset an attributed quotation	Unknown	505
quotchap	Decorative chapter headings	Klever, Tinnefeld	288
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	492
quotmark	Consistent quote marks	Talbot	474
quran-bn	Bengali translations to the quran package	Razavian	403
quran-de	German translations to the quran package	Razavian	403
quran-ur	Urdu translations to the quran package	Razavian	403
quran	An easy way to typeset any part of The Holy Quran	Razavian	403
qyxf-book	Book Template for Qian Yuan Xue Fu	You	547
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	366
r2bib	Convert refer and EndNote files to BibTeX	Mathar	336
ragged	Generic ragged left and ragged right options	Siebenmann	446
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	435
raggedr	Set an entire document raggedright	Kilfeger	282
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	416
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	316
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	258
ran_toks	Randomise token strings	Story	462
randbild	Marginal pictures	Ebermann	200
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	175
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	462
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	341
ransom	A “very bad typewriter” font	Knuth	292
ratex	A package for German lawyers	Vosberg	520
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	260
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	270
rawprint	Print raw Russian text	Veytsman	516
rbt-mathnotes	Rebecca Turner’s personal macros and styles for typesetting mathematics notes	Turner	498
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	241
rcs-multi	Typeset RCS version control in multiple-file documents	Scharrer	427
rcs-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	417
rcs	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	434
rcsinfo	Support for the revision control system	Vollmer	519
ReadableCV	A highly readable and good looking CV and letter class	Stone	459
readarray	Read, store and recall array-formatted data	Segletes	439
readprov	Provides GetFileInfo without the need to load the file	Lück	327

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	427
realcalc	Macros for real arithmetic calculations	Buchholz	163
realhats	Put real hats on symbols instead of $\wedge$	Scroggs, Townsend	438
realscripts	Access OpenType subscript and superscript glyphs	Robertson	409
realtranspose	The “real” way to transpose a Matrix	Quentin	397
rec-thy	Commands to typeset recursion theory papers	Gerdes	224
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	324
recipebook	Typeset 5.5” x 8” recipes for browsing or printing	Granger	234
recipecard	Typeset recipes in note-card-sized boxes	Reish	405
recorder-fingering	Package to display recorder fingering diagrams	Munn	355
rectopma	Recycle top matter	Benciolini	148
recycle	A font providing the “recyclable” logo	Green, Pakin	236
redefine	Conditional macro, etc., definitions	Unknown	505
redis	A Hebrew font	Goldberg	229
REdit	Menu-based editor	Rogalla	414
refcheck	Check references (in figures, table, equations, etc)	Motygin	352
refcount	Counter operations with label references	Oberdiek	372
refenums	Define named items and provide back-references with that name	Kopp	298
refer-tools	Convert between refer format and BibTeX format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzsche	334
refer	Convert a BibTeX bibliography to refer format	McHale	340
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibTeX	Kiefel	281
reflectgraphics	Techniques for reflecting graphics	Reiche	404
refman	Format technical reference manuals	Kielhorn, Partl	282
refreshpdf	Refresh PDF files “remotely”	Gerhardt	224
refstyle	Advanced formatting of cross references	Els	204
regcount	Display the allocation status of the T <sub>E</sub> X registers	Drucbert	197
regexpatch	High level patching of commands	Gregorio	237
register	Typeset programmable elements in digital hardware (registers)	Lovell	324
regstats	Information about register use	Münch	354
reledmac	Typeset scholarly editions	Rouquette	419
reledpar	Typeset scholarly editions in parallel texts	Rouquette	419
relenc	A “relaxed” font encoding	Hellström	251
resize	Set the font size relative to the current font size	Swift, Arseneau	466
removefr	Remove from counter-reset lists	Arseneau	135
remreset	Remove counters from reset list	Carlisle	170
renditions	Multiple versions from the same content	Story	462
reotex	Draw Reo Channels and Circuits	Oliveira	375
repeat	Repeat execution of macros	Eijkhout	202
repeatindex	Repeat items in an index after a page or column break	Harders	246
repere	MetaPost macros for secondary school mathematics teachers	Péault	386
repltext	Control how text gets copied from a PDF file	Pakin	381
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	488
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	490
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	372
res	A résumé class	Krishnamurthy, DeCorte	300
rescansync	Re-scan tokens with synctex information	user202729	509
resizegather	Automatically resize overly large equations	Oberdiek	372
resmes	Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X	De Donato	194
ResolSysteme	Work on linear systems using xint or py luatex	Pierquet	390
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	516
rest-api	Describing a rest api	Klein	288

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
resumecls	Typeset a resume both in English and Chinese	Hu	262
resumemac	Plain T <sub>E</sub> X macros for resumés	Hosek	261
returntogrid	Semi-automatic grid typesetting	Fischer	214
reverxii	Playing Reversi in T <sub>E</sub> X	Le Floch	216
revnum	Reverse enumerate	Wilms	534
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	234
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	375
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	375
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	375
rfc2bib	Generate BibT <sub>E</sub> X entries for IETF RFCs	Mortier	351
rfil	Ruby font installer library	Gundlach	240
RGB	Tables of RGB colour parameters	Loreti	324
rgltxdoc	Common code for documentation of the author's packages	Grewe	238
ribbonproofs	Drawing ribbon proofs	Wickerson	533
richtext	Create rich text strings	Story	463
rit-fonts	Malayalam fonts by Rachana Institute of Typography (RIT)	Radhakrishnan	398
rjparshap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	312
rlepsz	Rewrite labels in EPS graphics	Rourke	419
rmannot	Create rich media annotations in a PDF file	Story	463
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	423
rmligs	Remove incorrect ligatures in German documents	Jacke	266
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	340
rmthm	Use a roman font for theorem statements	Verwer	513
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	510
Robot Man	A fun demo of AcroT <sub>E</sub> X eDucation Bundle facilities	Story	463
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	451
roboto	Support for the Roboto family of fonts	Tennent	481
robustcommand	Declare robust command, with \newcommand checks	Ebermann	200
robustindex	Create index with pagerefs	van der Kallen	275
rojud	A font with the images of the counties of Romania	Bazon	143
romanbar	Write roman number with "bars"	Münch	354
romanbarpagenumber	Typesetting roman page numbers	Schneider	433
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	403
romaniantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	406
romanneg	Roman page numbers negative	Wolczko	538
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	412
rorlink	Create ROR symbols which links to the given ROR-IDs	Lukas	328
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbatì	206
rotate-textures	Box rotation macros for Textures	Karney	276
rotate	Rotate T <sub>E</sub> X boxes	Unknown	505
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	373
rotfloat	Rotate floats	Sommerfeldt	452
rotpages	Typeset sets of pages upside-down and backwards	Callegari	168
rotunda	Rotunda manuscript book-hand font	Wilson	536
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	280
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	231



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	189
rplain	Redefines the plain pagestyle	Sommerfeldt	452
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	378
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	223
rsc	BibTeX style for use with RSC journals	Wright	540
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	450
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	443
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	405
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	424
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	329
rtkinenc	Input encoding with fallback procedures	Hellström	251
rtklage	Make suit details for German courts	Vosberg	520
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	318
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	361
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	361
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	361
rubiktwo	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	361
ruhyphen	Russian hyphenation	Volovich	519
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	295
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	358
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	202
rulerbox	Draw rulers around a box	Yang	544
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	455
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	140
rune	Two rune fonts	Grant, Lüddecke	234
runic	Fonts for Anglo-Saxon futhorc script	Wilson	536
runtex	Windows program to run T <sub>E</sub> X variant and various utils as needed	Becker	145
russ	L <sup>A</sup> T <sub>E</sub> X in Russian, without babel	Shashkov	444
russian-help	L <sup>A</sup> T <sub>E</sub> X help in Russian	Lubenets	325
rustic	Roman Rustic manuscript book-hand font	Wilson	536
rutitlepage	Radboud University Titlepage Package	Lubbers	325
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	516
rvwrite	Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X	Radhakrishnan	398
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	445
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	309
<b>SSSSS</b>			
s2latex	A scribe to L <sup>A</sup> T <sub>E</sub> X converter	Jacobson, James	268
sa-tikz	TikZ library to draw switching architectures	Fiandrino	211
sacsymb	"Sacred Symbols" prepared with TikZ	Nyaupane	367
sae	Typeset an SAE technical paper	Franke	218
saferef	Safer references through strong typing of references	Ashton	136
sageep	Format papers for the annual meeting of EEGS	Veytsman	516
SageTeX	Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X	Pasechnik, Drake	384
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	469
samples	Samples of Plain T <sub>E</sub> X coding	Unknown	505
sanhyph	Sanskrit hyphenation patterns	Codet	182
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	464
sankey	Draw Sankey diagrams with TikZ	Gaborit	222
sans	Exchange Roman and Sans faces in a document	Knappen	290
sanskrit-t1	Type 1 version of 'skt' fonts for Sanskrit	Korop	298
sanskrit	Sanskrit support	Haisman, Wikner	242
sansmath	Maths in a sans font	Arseneau	135
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	141

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	537
SASnRdisplay	Typeset SAS or R code or output	Madsen	332
sauerj	A bundle of utilities by Jonathan Sauer	Sauer	425
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	425
sauterfonts	Use Sauter's fonts in L <sup>A</sup> T <sub>E</sub> X	Barthelmann	141
saveenv	Save environment content verbatim	user202729	509
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	303
savesym	Redefine symbols where names conflict	Göbel	229
savetrees	Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document	Pakin	381
sbtex	A compact T <sub>E</sub> X distribution for MS-DOS	Sullivan	465
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	506
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	506
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	424
scalebar	Create scalebars for maps, diagrams or photos	Lake	306
scaleftnt	Rescale fonts to arbitrary sizes	Carlisle	170
scalerel	Constrained scaling and stretching of objects	Segletes	439
scanpages	Support importing and embellishing scanned documents	Sharpe	443
schedule	Weekly schedules	Alexander, Deneault	130
schedule209	Typeset schedules	Pfenning	388
schemabloc	Draw block diagrams, using TikZ	Papanicola	383
schemata	Print topical diagrams	Schaum	428
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	401
schemeweb	Simple support for literate programming in Lisp	Ramsdell	401
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	523
ScholaX	Extension of T <sub>E</sub> XGyreSchola (New Century Schoolbook) with math support	Sharpe	443
schooldocs	Various layout styles for school documents	Missier	347
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	389
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	530
schulschriften	German "school scripts" from Suetterlin to the present day	Entenmann	205
schwalbe-chess	Typeset the German chess magazine "Die Schwalbe"	Hoening	257
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	327
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	298
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	334
scientificpaper	Format a scientific paper for journal publication	Aycock	137
scientificviewer	MacKichan software viewer	Pearson	385
SciKTeX	Mark research contributions in scientific documents and embed them in PDF metadata	Bless	153
sciposter	Make posters of ISO A3 size and larger	Wilkinson	534
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	497
sclang-prettyfier	Prettyprinting SuperCollider source code	Cretel	186
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	388
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	328
scorecard	Format a Baseball scorecard	Wall	527
Scrabble	Commands for Scrabble boards	Pierquet	390
scraddr	Provide data from scrlltr2's address files	Kohm	295
scrambledenvs	Create and print scrambled environments	Chen	176
scrartcl	Koma-Script 'article' class	Kohm	295
scratch	Draw programs like "scratch"	Tellechea	477
scratch3	Draw programs like "scratch"	Tellechea	477
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	401
scrbase	Provide basic features for KOMA-Script	Kohm	296

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
scrbook	Koma-Script ‘book’ class	Kohm	296
scrdate	Calendar date operations	Kohm	296
screen	Prepare a document for a simple previewer	Unknown	506
screenplay-pkg	Package version of the screenplay document class	Munn	355
screenplay	A class file to typeset screenplays	Pate	385
scrxextend	Use of components of KOMA-Script by other packages	Kohm	296
scrindex	Make index package work with Koma-script classes	Oberdiek	373
script-font	Handwriting font	Vanroose	510
script	Variant report and book styles	Neukam, Lichti	360
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	339
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	397
scrjrn1	Typeset diaries or journals	Pinson	392
scrjura	Koma-Script support for lawyers, etc	Kohm	296
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script’s scrlayer	Kohm	296
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	296
scrlayer-scrpage	Define and manage page styles	Kohm	296
scrlayer	Manage text ‘layers’ within Koma-Script	Kohm	296
scrletter	Letter extension to KOMA-Script classes	Kohm	296
scr1file	Installation control for koma-script packages	Kohm	296
scr1ttr2	Koma-Script ‘letter’ class	Kohm	296
scr1ttr2copy	A letter class option file for the automatic creation of copies	Niepraschk	364
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	296
scrreprt	Koma-Script ‘report’ class	Kohm	296
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	296
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	296
scsnowman	Snowman variants using TikZ	Yamashita	543
scyrillic	A family of cyrillic fonts	Samarin, Glonti	424
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	149
sdr1	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	265
sduthesis	Thesis Template of Shandong University	Huang	262
se2thesis	A Thesis Class for the Chair of Software Engineering II at the Univer- sity of Passau, Germany	Lukasczyk	329
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	207
seceqn	Number theorems by section	Leichter	313
secnum	A macro to format section numbering intuitively	Gau	223
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	396
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	534
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	258
sectsty	Control sectional headers	McDonnell	340
seealso	Improve the performance of \see macros with makeindex	Liu	318
sehyph	Hyphenation patterns for Swedish	Rynning	423
selectp	Select pages to be output	Arseneau	135
selectpage	Select pages to be output from a document	Knuth	292
selinput	Semi-automatic detection of input encoding	Oberdiek	373
selnolig	Selectively disable typographic ligatures	Loretan	323
SemanTeX	Semantic, keyval-based mathematics	Ørsted	378
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initia- tive	Cashner	173
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	359
semaphor	Semaphore alphabet font	Zýka	553
semesterplanner	Create beautiful semester timetables and more	Schneider	432
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	548

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
semionese	Put only special contents on left-hand pages in two sided layout	Hennig	253
semproc	Seminar proceedings	Columbus	183
SemTeX	Deals with stripped SemanTeX documents	Ørsted	378
semtrans	Transliteration of semitic languages	Knappen	290
sentences	Numbered lists for sentences	Unknown	506
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	317
sepnun	Print numbers in a "friendly" format	Raichle	401
seqsplit	Split long sequences of characters in a neutral way	Veytsman	516
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	212
serbian-book	Support for use of memoir in Serbian	Filipović	212
serbian-date-lat	Updated date typesetting for Serbian	Filipović	212
serbian-def-cyr	Serbian cyrillic localization	Filipović	212
serbian-lig	Control ligatures in Serbian	Filipović	212
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	212
serial	Generate serial letters	Pedersen	386
sesamaniel	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	532
setouterhbox	Set hbox in outer horizontal mode	Oberdieck	373
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	248
setspaceenhanced	An enhancement of the setspace package	Kohm	297
setstrut	Automatic strut computation	von Bechtolsheim	145
settobox	Assigning dimensions of a box to a length register	Oberdieck	373
settosize-ltx	Scale text to make it fit a given width	Rahtz	400
settosize	Scale text to given width	Taylor	477
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	271
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	547
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	308
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	384
sfms	Typesetting science fiction/fantasy manuscripts	DeMarco	191
sfg	Draw signal flow graphs	Schmid	429
sfheaders	Sans headers	Loreti	324
sfmath	Sans-serif mathematics	Dietrich	193
sfwmac	A set of definitions for Unix system documentation	Unknown	506
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	378
sgmlcmpt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	290
shadbox	Shade the background of any box	Glazkov	228
shade	Shade pieces of text	Schmitt	432
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	161
Shaded theorems	Theorem environments that are shaded	Hefferon	249
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	353
shadow	Shadow boxes	Orlandini	377
shadowtext	Produce text with a shadow behind it	Zwols	553
shalom	A simple Hebrew typesetting bundle	Böttcher	157
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	135
shapepatch	Transfig patch supporting shapepar	Gollwitzer	230
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	231
shavian	A Shavian spelling alphabet font	Stanier	456
shdoc	Float environment to document the shell commands of a terminal session	Laube	309
shellesc	Unified shell escape interface for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	488
shhyph1	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	353

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	445
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	256
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	297
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	484
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	342
shortlst	Compact lists by running several items per line	Hansen	244
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	489
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X2e	Pégourié-Gonnard	387
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	281
showdim	Variants on printing dimensions	Downes	196
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	364
showframe	Draw a page-layout diagram	Niepraschk	364
showhyphenation	Marking of hyphenation points	Kelkel	278
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	240
showkerning	Showing kerns in a document	Kelkel	278
showkeys	Show label, ref, cite and bib keys	Carlisle	170
showlabels	Show label commands in the margin	Gray	235
showtags	Print the tags of bibliography entries	Beebe	146
shsulet	A letter document style for use at SHSU	Greenwade	236
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	316
shuffle	A symbol for the shuffle product	Lejay, Gilbey	314
si	A comprehensive (SI) units package	Wright	540
siam	Styles for SIAM publications	Gray, Cipolone	235
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	291
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	364
sidenotes	Typeset notes containing rich content, in the margin	Thomas	490
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	525
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	353
siggraph	SIGGRAPH conference class	Kartch	277
signchart	Create beautifully typeset sign charts	Mottaz	352
Sikumuna	Lyx template for Hebrew article format	Rutenberg	423
silence	Selective filtering of error messages and warnings	Pock, Isambert	393
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	438
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	438
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	311
simplecd	Simple CD, DVD covers for printing	Majoros	333
simplecv	A simple class for writing curricula vitae	Lasgouttes	309
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	156
simpleinvoice	Easy typesetting of invoices	Lohne	319
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	477
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	512
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	174
simpler-wick	Simpler Wick contractions	Ellis	203
simples-matrices	Define matrices by given list of values	Henel	253
simplewick	Simple Wick contractions	Kolorenc	297
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	236
simplivre	Write your books in a simple and clear way	XU	542
simpsons	Metafont source for Simpsons characters	Chen	176



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	281
sines	Calculate sin function values	Walker	527
sinhala	Support for the Sinhala language	Saparamadu	424
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	448
SIstyle	Package to typeset SI units, numbers and angles	Els, Wright	204
sitem	Save the optional argument of \item	Majkrzak	333
siunits	International System of Units	Wright, Heldoorn	541
siunitx	A comprehensive (SI) units package	Wright	540
skak	Fonts and macros for typesetting chess games	Hoffmann	257
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	193
skb	Tools for a repository of long-living documents	van der Meer	342
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	447
skeldoc	Placeholders for unfinished documents	Hetland	255
sketch	A 3d sketch language translator	Ressler	406
skeycommand	Create commands using parameters and keyval in parallel	Musa	357
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	357
skills	Create proficiency tests	Giraud	227
skmath	Extensions to the maths command repertoire	Sigurdhsson	447
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	447
skull	A font to draw a skull	Grove	239
slantsc	Access different-shaped small-caps fonts	Harders	246
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	544
slashed	Put a slash through characters	Carlisle	170
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	448
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	338
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	221
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	466
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	526
slidenotes	Typeset slides accompanied by notes	van der Meer	342
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	348
slideshow	Generate slideshow with MetaPost	McPhee	341
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	445
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	476
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	337
smalltalk	Typeset Smalltalk program fragments	Wolczko	538
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	542
smartdiagram	Generate diagrams from lists	Fiandrino	212
smartmn	Make hyphens print as minus signs where appropriate	Knappen	290
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	337
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	174
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	436
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	484
snaptodo	A todo that snaps to the closer side	Wang	528
snote	Shaped notes for MusicTeX	Colburn	182
snotez	Typeset notes, in the margin	Niederberger	363
sober	Makes appearance of standard styles more “sober”	Poppelier	394
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	157
softfonts	Manage the “soft fonts” in a LaserWriter printer	Small Planet Software	449
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	286
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	286

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	286
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	286
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	286
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	286
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	286
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	286
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	286
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	286
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	286
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	286
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	286
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	287
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	287
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	287
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	287
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	287
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	287
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	287
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	287
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	287
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	287
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	287
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	287
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	287
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	287
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	287
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	287
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	287
softmaker freefont	Support files for SoftMaker free fonts	Kleber	287
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	270
songbook	Package for typesetting song lyrics and chord books	Rath	402
songproj	Generate Beamer slideshows with song lyrics	Ortolo	378
songs	Produce song books for church or fellowship	Hamlen	243
sorhyph	Upper Sorbian hyphenation patterns	Werner	531
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	378
soton	University of Southampton-compliant slides	Blanco	152
soul	Hyphenation for letterspacing, underlining, and more	Oberdiek	373
soulpos	A fancy means of underlining	Bezoz López	320
soup	Generate alphabet soup puzzles	Simers	447
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	489
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	258
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	258
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	258
SouthArabian	A font for an archaic South Arabia script	Stanier	456
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	278
spacingtricks	Addressing various spacing issues	Missier	347
spain	Bibliography style for Spanish documents	Fernandez	211
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	398
spanish-mx	Typeset Spanish as in Mexico	Rivera	408
spark-otf	Support OpenType Spark fonts	Voß	524
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	319
spath3	Manipulate “soft paths” in PGF	Stacey	455
spbmark	Customize superscripts and subscripts	Yi	547

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	481
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	175
spelling	Support for spell-checking of LuaTeX documents	Hennig	253
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	396
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	223
sphyphb	Experimental Spanish hyphenation patterns	Medina	342
spiderweb	A tool for building WEB systems	Ramsey	401
spie	Support for formatting SPIE Proceedings manuscripts	Hanson, SPIE Support	244
Spix	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	385
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	328
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	444
split	Box two chunks of text side-by side	Skinner	449
splitbib	Split and reorder your bibliography	Markey	335
splitindex	Unlimited number of indexes	Kohm	297
spot	Spotlight highlighting for Beamer	Hendrickson	252
spotcolor	Spot colours for pdfLaTeX	Elstner	204
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	477
springer	Macros for Springer journals	Springer Verlag	455
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	381
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	202
srcaps	Square Capitals manuscript book-hand font	Wilson	537
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	212
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	212
sr-vorl	Class for Springer books	Dabelow	186
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	457
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	499
srcredact	A tool for redacting sources	Veytsman	516
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	530
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	270
srune	Saxon rune font	Lüddecke	327
sseq	Typesetting spectral sequence charts	Bauer	142
ssbdbk10	Sans headers in book style	Unknown	506
sslides	Slides with headers and footers	Salimi	423
ssquote	Use the cmssq fonts	Vieth, Goossens	517
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	365
stabular	Multipage tabular	Tolušis	494
stack	Tools to define and use stacks	Bayart	143
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	439
stackrel	Enhancement to the \stackrel command	Oberdiek	373
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	491
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	373
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	427
stanli	TikZ Library for Structural Analysis	Hackl	241
starfont	The StarFont Sans astrological font	Skala	449
starray	A structured array (of properties) based on expl3	Frigeri	221
startex	An XML-inspired format for student use	Langmyhr	308
statex	Statistics style	Sparapani	453
statex2	Statistics style	Sparapani	453
statistics	Compute and typeset statistics tables and graphics	Rivaud	407
statistik	Store statistics of a document	Niedermair	363
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	468

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	412
stdpage	Standard pages with n lines of at most m characters each	Verweyen	514
stealcaps	“Steal” small capitals	Giannotti	226
steinmetz	Print Steinmetz notation	Gregorio	237
stellenbosch	Stellenbosch thesis bundle	Els	204
step	A free Times-like font	Miller	346
stepgreek	A free Times/Elsevier-style Greek font	Miller	346
sTeX	An Infrastructure for Semantic Preloading of L <sup>A</sup> T <sub>E</sub> X Documents	Kohlhase, Müller	294
stfloats	Commands to control the presentation of floats	Tolušis	494
SticksToo	A reworking of STIX2	Sharpe	443
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	490
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	490
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	490
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	270
stoneipa	Support for the Stone Sans Phonetic font	Velleman	512
storebox	Storing information for reuse	Scharrer	427
storecmd	Store the name of a defined command in a container	Musa	357
strands	Draw objects constructed from strands	Arcis	133
streetex	Structural organic chemistry	Strokov	463
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	378
string-diagrams	Create string diagrams with L <sup>A</sup> T <sub>E</sub> X and TikZ	Brasolin	159
stringenc	Converting a string between different encodings	Oberdiek	373
stringstrings	String manipulation for cosmetic and programming application	Segletes	439
structmech	A TikZ command set for structural mechanics drawings	Chang	175
struktex	Draw Nassi-Shneiderman charts	Hoffmann	257
sttools	Various macros	Tolušis, Statulevičius	494
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	464
Student Handouts	Management and styling of student handout projects	Fennell	210
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	415
sty2dtx	Create a .dtx file from a .sty file	Scharrer	427
style-showcase	Make a web page to compare styles	Hefferon	249
styledcmd	Handling multiple versions of user-defined macros	De Donato	195
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	414
subcaption	Support for sub-captions	Sommerfeldt	452
subdepth	Unify maths subscript height	Robertson	409
subdocs	Multifile documents	Bezos López	321
subeqn	Package for subequation numbering	Arseneau, Braams	136
subeqnarray	Equation array with sub numbering	Braams	158
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	182
subfigmat	Automates layout when using the subfigure package	Kleb	285
subfigure	Deprecated: Figures divided into subfigures	Cochran	182
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	424
subfloat	Sub-numbering for figures and tables	Harders	247
sublabel	Sub-number counters	Daly	188
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	207
substances	A database of chemicals	Niederberger	363
substitutefont	Easy font substitution	Milde	345
substr	Deal with substrings in strings	Harders	247
subsupscripts	A range of sub- and superscript commands	Bresciani	160
subtext	Easy text-style subscripts in math mode	Jørgensen	273

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sudoku	Create sudoku grids	Abraham	128
sudokubundle	A set of sudoku-related packages	Wilson	537
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	327
suffix	Define commands with suffixes	Kastrup	277
suftesi	A document class for typesetting theses, books and articles	Valbusa	510
sugconf	SAS(R) user group conference proceedings document class	Fehd	210
superiors	Attach superior figures to a font family	Sharpe	443
supertabular	A multi-page tables package	Braams	158
suppose	Abbreviate the word “Suppose”	Lounsbury	324
susy	Macros for SuperSymmetry-related work	Turlay	498
suthesis	Typeset a Stanford University thesis	Pallas	382
sverb	A set of verbatim text manipulations	Wooding	539
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	244
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	427
svn-prov	Subversion variants of \Provides... macros	Scharrer	427
svn	Typeset Subversion keywords	Lewis	316
svninfo	Typeset Subversion keywords	Brucker	162
svrsymbols	A font with symbols for use in physics texts	Syropoulos	468
swebib	Swedish bibliography styles	Engelbrechtsen	205
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	204
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	466
Swimgraf	Graphical/textual representations of swimming performances	Osborne	378
switcheml	Obfuscate email addresses (now obsolete)	Duan	198
swrule	Lines thicker in the middle than at the ends	Dussa	199
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	234
sylllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	512
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	217
symbolindex	Generate a list of symbols with different subgroups	Holzmann	260
SympyCalc	Work with SymPy and PyLuaTeX	Pierquet	390
sympytex	Include symbolic computation (using sympy) in documents	Molteno	349
Synapsen	Reference management tool for BibTeX	Krajewski	299
synctex-parser	SyncTeX output file parser	Laurens	310
syngen	A tool for generating syntax diagrams from BNF	Klöcker	288
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	265
syntax-mdw	Typeset syntax descriptions	Wooding	539
syntax2	Creation of syntax diagrams	Worsch	539
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	389
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	348
syntrace	Labels for tracing in a syntax tree	Mathieu	337
synttree	Typeset syntactic trees	van Zuijlen	553
syriac	A font for Syriac written in Estrangelo	Stanier	456
systcontrolletters	Support for Systems and Control Letters	Balemi, Truöl	139
systeme	Format systems of equations	Tellechea	477
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	331
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	304
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	489
t1infos	Utilities for PostScript fonts	Baruchel	142
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	274
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	538
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	254



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
t2	Support for using T2 encoding	Volovich, Lemberg	520
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	345
tabbing	Tabbing with accented letters	Drucbert	197
tabbingbox	Save a tabbing environment in a box	Unknown	506
tabfigures	Maintain vertical alignment of figures	Ummels	499
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	307
tableauVariations	Variation tables in MetaPost	Mazoit	339
tableaux	Construct tables of signs and variations	Kisselhoff	285
tablefootnote	Permit footnotes in tables	Münch	354
tableof	Tagging tables of contents	Burnol	166
tables	Tables without the need for a preamble	Cowan, Taylor	185
tablestyles	Styles for tables with new commands	Pospiech	395
tablists	Tabulated lists of short items	Lapko	309
tablor	Create tables of signs and of variations	Connan	183
tabls	Better vertical spacing in tables and arrays	Arseneau	135
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	347
tabriz-thesis	A template for the University of Tabriz	Damanafshan	188
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	404
tabstackengine	“Tabbing” front-end to stackengine	Segletes	439
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	213
tabularcalc	Calculate formulas in a tabular environment	Tellechea	477
tabularew	A variation on the tabular environment	Saba	423
tabularht	Tabular environments with height specified	Oberdiek	373
tabularkv	Tabular environments with key-value interface	Oberdiek	373
tabularray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	331
tabulars-e	Examples from the book ”Typesetting tables with L <sup>A</sup> T <sub>E</sub> X”	Voß	524
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
tabulary	Tabular with variable width columns balanced	Carlisle	170
tabvar	Typesetting tables showing variations of functions	Flipo	215
tabverb	Verbatim text respecting TAB characters	Fine	213
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	319
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	366
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	214
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	533
talos	A Greek cult font from the eighties	Tsolomitis	496
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	327
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	335
tamil-omega	Tamil support for Omega/Aleph	Alex	130
tangle	Generate compilable source from web	Knuth	292
tango-weevil	A simple Web system	Minyard	346
tangocolors	Use colors from the Tango color palette	Preuße	396
TangramTikZ	Tangram puzzles, with TikZ	Pierquet	390
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	267
tape	Generate cassette labels from a simple database	Podar	393
tapir	A simple geometrical font	Mitek	347
tasks	Horizontally columned lists	Niederberger	363
taylor	Macros for category-theoretic diagrams	Taylor	476
tbe	Extracts from ”TeX by Example”	Borde	156
tccompat	Provide compatibility names for textcomp.sty	Knappen	290
tcildoc	Doc/docstrip for tcl	Hellström	251

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tlctexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	463
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	339
tcobox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	464
tcvn	Vietnamese Windows support	Quy	398
tdclock	A ticking digital clock package for PDF output	Randez	402
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	497
tdsfrmath	Macros for French teachers of mathematics	Henel	253
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	264
Technica	Typesetting for the humanities	Boggio-Togna	154
technics	A package to format technical documents	Nilsson	365
technion-thesis...	Template for theses on the Technion graduate school	Shuval	445
techreport	Generate Technical Reports using USC thesis style	Cochran	182
ted	A (primitive) token list editor	Pégourié-Gonnard	387
TeEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	130
telprint	Format German phone numbers	Oberdiek	373
telugu	(La)T <sub>E</sub> X Support for writing the Telugu Language	Mukkavilli	353
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	210
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	452
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	395
tempora	Greek and Cyrillic to accompany Times	Sharpe	443
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	192
tengwar	Font to set Tolkien's Tengwar script	Urban	508
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	223
tensind	Typeset tensors	Bezós López	321
tensor	Typeset tensors	Piff, Ratcliffe	391
termcal-de	German localization for termcal	Friedl	220
termcal	Print a class calendar	Mitchell	347
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	524
termlist	Label any kind of term with a continuous counter	Rellermeyer	405
termmenu	The package provides support for terminal-based menus using expl3	Allred	131
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	224
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	140
testeq	An equality test for use in MetaPost	Vieth	517
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	444
testfont	A testbed for font evaluation	Knuth	292
testhyphens	Testing hyphenation patterns	Beccari	145
testidx	Dummy text for testing index styles and indexing applications	Talbot	474
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	484
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	206
tetragonos	Four-Corner codes of Chinese characters	Yang	544
teubner	Philological typesetting of classical Greek	Beccari	145
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	339
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	250
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	429
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	250
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	250
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	266
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	266
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	266
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	267
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	267

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pianowski	268
tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre DejaVu	Jackowski, Pianowski, Strzelczyk	267
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	267
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	267
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	267
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	267
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	267
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	267
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	267
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	266
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	540
tex-it	Controller for T <sub>E</sub> X processing	Walsh	528
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	423
tex-label	Place a classification on each page of a document	Komarath	297
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	474
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	261
tex-math	Maths mode documentation for OS/2 users	Hahn	242
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olśák	376
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	495
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	533
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przechlewski	529
tex-vpat	TeX Accessibility Conformance Report	Veytsman	516
TeX	A sophisticated typesetting engine	Knuth	292
tex2bib	Extract a BibTeX database from a document source	Friendly	220
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	217
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	548
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	448
tex2rtf	TeX translator, output formats include RTF	Smart	449
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	259
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	483
texaccents	Convert composite accented characters to Unicode	Milanese	345
texapi	Macros to write format-independent packages	Isambert, Robbers	266
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	174
texbook	The source of The T <sub>E</sub> Xbook	Knuth	292
texbuch	"The little T <sub>E</sub> XBook"	Cremer	185
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	203
texcad32	Win32 drawing package for mathematical diagrams	Unknown	506
texchord	Typeset guitar-chord diagrams	Hoffman	257
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	413
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	231
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	427
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	220
texdeps	Find the dependencies of a (La)TeX file	Cozens	185
texdiff	Compare documents and produce tagged merge	Doll, Günay	194

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	240
texdoc	Documentation access for T <sub>E</sub> X Live	Asakura, Esser, Pégourié-Gonnard, T <sub>E</sub> XLive	136
texdoctk	Easy access to package documentation	Ruedas, Harcombe	422
texdraw	Graphical macros, using embedded PostScript	Kabal	274
texed	A T <sub>E</sub> X shell for OS/2	Stippich	459
texemplar	A class for the journal of CervanTeX	Bezos López	321
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	207
texfilt	A (La)TeX log filter	Baker	138
TeXFindPkg	Query or install T <sub>E</sub> X packages and their dependencies	Lyu	331
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	506
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	220
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	396
texi2roff	Translate texinfo to troff	Erlebacher	205
texi2www	Converts texinfo to display on the Web	Singletary	448
texlikechaps	Format chapters with a texi-like format	Rivera	408
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	447
texindex	Simple indexing using standard Unix commands	Unknown	506
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	219
texinfo	Texinfo documentation system	Free Software Foundation	219
TeXLab	L <sup>A</sup> T <sub>E</sub> X Language Server	Förster	217
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	318
texlist	Typeset program listings	Forkosh	217
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	481
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	481
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	481
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	481
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	439
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	364
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	485
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	T <sub>E</sub> XLive	485
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	T <sub>E</sub> XLive	485
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	358
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	190
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	378
texlogfilter	Filter L <sup>A</sup> T <sub>E</sub> X engines output or log file	Labbé	306
texlogos	Ready-to-use L <sup>A</sup> T <sub>E</sub> X logos	Ruzyczka	423
texlogsieve	Filter and summarize L <sup>A</sup> T <sub>E</sub> X log files	Lago	306
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	257
texmalli	A quick Finnish introduction to using L <sup>A</sup> T <sub>E</sub> X	Kaijanaho	275
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	302
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 LuaLaTeX	Movahhedian	352
TeXnicCenter	An IDE for L <sup>A</sup> T <sub>E</sub> X on MSWindows	Wiegand	533
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	155
texosquery	Cross-platform Java application to query OS information	Talbot	474
texpack	Create documented L <sup>A</sup> T <sub>E</sub> X classes, packages and docs in a Unix environment	Lulli	329
texperf	A WordPerfect to L <sup>A</sup> T <sub>E</sub> X translator	Forkosh	217

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texpict	Create drawings for L <sup>A</sup> T <sub>E</sub> X	Ribo	406
texpictex	Use tpic special commands in P <sub>I</sub> C <sub>T</sub> E <sub>X</sub>	Grunwald	239
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	313
TeXProject	A package for project management	Bressan, Gurari	160
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	551
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	220
texshade	Package for setting nucleotide and peptide alignments	Beitz	148
TeXShell	X-Window Shell for T <sub>E</sub> X	Mittelbach	349
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	464
texshop	TeX front end for use on MacOS X	Koch	293
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	358
texsketch	A drawing package for OS/2	Bahnes	138
texsort	Sort/compress numerical lists	Tolušis	494
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	239
text2bib	A PHP script to convert references to BibTeX	Osborne	378
textarea	Control the text area dynamically	Rozhenko	422
textcase	Case conversion ignoring mathematics, etc	Carlisle	170
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	400
textcsc	Simple commands for caps-to-small-caps text	Granet	234
textfit	Fit text to a desired size	Rahtz, Taylor	400
textglos	Typeset and index linguistic gloss abbreviations	Weber	530
textgreek	Upright greek letters in text	Michlmayr	344
textmerg	Merge text in T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Piff, Fairbairns, Carlisle	391
textool	A SunOS DVI viewer	Ilieve	264
texttoolspro	Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X	Algaba	130
textopo	Annotated membrane protein topology plots	Beitz	148
textpath	Setting text along a path with MetaPost	Hennig	253
textpos	Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page	Gray	235
textualcomma	Use the textual comma character as decimal separator in math mode	Friedl	220
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	274
texvc	Use MediaWiki L <sup>A</sup> T <sub>E</sub> X commands	Schubotz	435
texware	Utility programs for use with T <sub>E</sub> X	Knuth	293
tfmpk	A viewer for tfm and pk font files	Medini	342
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	309
tfrupree	A font offering the new (Indian) Rupee symbol	Jørgensen	273
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	537
tgrind	Produce beautiful program listings using plain T <sub>E</sub> X	Jacobson	268
tgrind209	Support tgrind in L <sup>A</sup> T <sub>E</sub> X 2.09	Unknown	506
thai-rmit	A font for Thai script	Kent	279
thai-usl	A font for Thai script	Kent	279
thaienum	Thai labels in enumerate environments	Janthong	269
thaifonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	276
ThailaTeX	Typeset Thai texts with standard L <sup>A</sup> T <sub>E</sub> X classes	Karoonboonyanan	276
thaispec	Thai Language Typesetting in X <sub>L</sub> L <sup>A</sup> T <sub>E</sub> X	Promkam	396
thalie	Typeset drama plays	Paternault	385
theanodidot	TheanoDidot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
theanomodern	Theano Modern fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
theanooldstyle	Theano OldStyle fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
theapa	APA (American Psychology Association) Reference Citation for L <sup>A</sup> T <sub>E</sub> X	Ryu	423
theatre	A sophisticated package for typesetting stage plays	Hinque	256
theorem	Manipulate theorem environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	349
theoremref	References with automatic theorem names	Jeřábek	271



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	373
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	243
these	Bibliography style for French theses	Herrb	254
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	494
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	304
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	403
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	307
thesis	Typeset thesis	Matiaske	337
thinsp	A stretchable $\backslash$ thinspace for L <sup>A</sup> T <sub>E</sub> X	Jørgensen	273
thirteen	Print dates of Friday 13th days	Unknown	506
thmbox	Decorate theorem statements	Beffara	147
thmtools	Extensions to theorem environments	Schwarz, Chou	437
thorshammer	Assessment based on AcroTeX quizzes	Story	463
threadcol	Organize document columns into PDF “article thread”	Pakin	381
threecol	Three-column newsletter output	Unknown	506
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	328
3DLDF	Three-dimensional drawing with MetaPost output	Finston	213
threeparttable	Tables with captions and notes all the same width	Arseneau	135
threeparttablex	Notes in longtables	Madsen	332
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	288
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	516
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	162
thubeamer	A beamer theme for Tsinghua University	Yang	544
thucoursework	Coursework template for Tsinghua University	Zhao	551
thumb	Thumb marks in documents	Holm Christensen	180
thumbpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	373
thumbs	Create thumb indexes	Münch	354
thumby	Create thumb indexes for printed books	Goldgaber	229
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	543
tib	A bibliographic preprocessor	TUNA Association	
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Alexander, Kremer, Kolb	130
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Schwartz, Knight, Wujastyk	437
ticcollege	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Emmel	204
tidyres	Graphical representation of keys on a standard scientific calculator	De Sousa	452
tie	Create formal resumes easily	Liang	316
tif2eps	Allow multiple web change files	Guntermann	240
tiff	A PostScript program for converting TIFF files to EPS	Jackowski, Pianowski, Strzelczyk	267
tikz-3dplot	The tiff graphics package	Leffler	312
tikz-among-us	Coordinate transformation styles for 3d plotting in TikZ	Hein	250
TikZ-Bagua	Create some AmongUs characters in TikZ environments	Zucatelli	553
tikz-bayesnet	Draw Bagua symbols in Yijing	WANG	528
tikz-bbox	Draw Bayesian networks, graphical models and directed factor graphs	Luttinen	330
tikz-cd	Precise determination of bounding boxes in TikZ	Unknown	506
tikz-dependency	Create commutative diagrams with TikZ	Stoffel	459
tikz-dimline	A library for drawing dependency graphs	Pighin	391
tikz-ext	Technical dimension lines using PGF/TikZ	Gross	238
TikZ-FeynHand	A collection of libraries for PGF/TikZ	Unknown	506
tikz-feynman	Feynman diagrams with TikZ	Dohse	194
tikz-imagelabels	Feynman diagrams with TikZ	Ellis	203
tikz-inet	Put labels on images using TikZ	Plüss	393
	Draw interaction nets with TikZ	de Falco	209

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	Niepraschk	364
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Laus	310
tikz-ladder	Draw ladder diagrams using TikZ	Laus	310
tikz-lake-fig	Schematic diagrams of lakes	Stachelek	456
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	352
tikz-mirror-lens	Spherical mirrors and lenses in TikZ	Zucatelli	553
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	232
tikz-network	Draw networks with TikZ	Hackl	241
tikz-nfold	Triple, quadruple, and n-fold paths with TikZ	Schulz	436
tikz-opm	Typeset OPM diagrams	Hoffmann	257
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	221
tikz-page	Small macro to help building nice and complex layout materials	Gross	239
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	429
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	424
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	179
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	310
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	310
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	407
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	428
tikz-trackschem...	A TikZ library for creating track diagrams in railways	Scheidt	428
tikz-truchet	Draw Truchet tiles	Scroggs	438
tikz2d-fr	Work with some 2D TikZ commands (French)	Pierquet	390
tikz3d-fr	Work with some 3D figures	Pierquet	390
TikZbricks	Drawing bricks with TikZ	Unknown	506
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	423
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	506
tikzfill	TikZ libraries for filling with images and patterns	Sturm	464
tikzinclude	Import TikZ images from collections	Schwenk, Berg	438
TikZlings	A collection of cute little animals and similar creatures	Unknown	507
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	456
TikZmarmots	Drawing little marmots in TikZ	Unknown	507
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	424
tikzpackets	Display network packets	Paciorek	379
tikzpagenodes	A single TikZ node for the whole page	Scharrer	428
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	215
tikzpfleile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	222
Tikzpingus	Penguins with TikZ	Sihler	447
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	407
tikzscale	Resize pictures while respecting text size	Häcker	241
tikzsymbols	Some symbols created using TikZ	Vitecek	518
tikzsvg	A utility for rendering TikZ diagrams to SVG	Unknown	507
tikzviolinplots	Draws violin plots from data	Callil-Soares	168
tile-graphic	Create tiles of a graphical file	Story	463
tilings	A TikZ library for drawing tiles and tilings	Stacey	456
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	219
time-gen	Print the time (12-hour clock)	Sen	440
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	391
timeline	Typeset time-lines, for planning, etc	Unknown	507
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	400
timetab	Typeset timetables	Oetiker	374
timetable	Generate timetables	Verunek	513
timing-diagrams	Draw timing diagrams	Moy	352

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	339
tinot	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
tinyc2l	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	393
tip	Macro examples from “TeX in Practice”	von Bechtolsheim	145
tipa-de	German translation of tipa documentation	Leistner	313
tipa	Fonts and macros for IPA phonetics characters	Rei	404
tipauni	Producing Unicode characters with TIPA commands	Unknown	507
tipfr	Produces calculator’s keys with the help of TikZ	De Sousa	452
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezoz López	321
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	264
titlecaps	Setting rich-text input into Titling Caps	Segletes	439
titlefoot	Add special material to footer of title page	Presnell	395
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	438
titlepages	Sample titlepages, and how to code them	Wilson	537
titlepic	Add picture to title page of a document	ten Cate	173
titles	Page style control	Bezoz López	321
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	466
titlesec	Select alternative section titles	Bezoz López	321
titletoc	Alternative headings for toc/lof/lot	Bezoz López	321
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	412
tkbibtex	A portable editor and browser for BibTeX files	Corke	184
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	318
tkhyph	Hyphenation patterns for Turkish	MacKay	331
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	463
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	338
tkz-berge	Macros for drawing graphs of graph theory	Matthes	338
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	338
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	338
tkz-fct	Tools for drawing graphs of functions	Matthes	338
tkz-graph	Draw graph-theory graphs	Matthes	338
tkz-kiviat	Draw Kiviat graphs	Matthes	338
tkz-linknodes	Link nodes in mathematical environments	Matthes	338
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	525
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	338
tkzexample	Package for the documentation of all tkz-* packages	Matthes	338
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	301
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	262
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	348
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	348
tlc3-examples	All examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, third edition	Mittelbach	348
TL Cockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	395
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	419
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	465
tlmgrBasics	A simplified documentation for tlmgr	Tennent	482
tm-math-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	344
tm-math	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	431
tmview	A DVI previewer for SVGA displays	Moor	350
to-be-determined	Highlight text passages that need further work	Bugayenko	164
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	552
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	507
tocbasic	Management of tables/lists of contents (and the like)	Kohm	297
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	412
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	199
toccenter	Centring (and other) Page Layout	Rozhenko	422

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tocloft	Control table of contents, figures, etc	Robertson, Wilson	412
tocstyle	Define style of Table of contents (etc) files	Kohm	297
tocvsec2	Section numbering and table of contents control	Robertson, Wilson	412
todo	Make a to-do list for a document	Garcia-De Castro	173
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	344
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	267
tokcycle	Build tools to process tokens from an input stream	Segletes	439
tokenizer	A tokenizer	Herpers	254
tolkienfonts	Use TTF "Tolkien" fonts from the WWW with pdfTeX	Barton	141
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	176
toolbox	Tool macros	Väth	511
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	207
topfloat	Move floats to the top of the page	Macchia	331
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	159
TOPletter	Letter class for the Politecnico di Torino	Torchiano	494
topsection	An un-numbered top level section	Rozhenko	422
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	145
totalcount	Commands for typesetting total values of counters	Sommerfeldt	452
totcount	Find the last value of a counter	Koutavas	299
totpages	Count pages in a document, and report last page number	Müller	353
tpcmfont	Computer modern fonts in "true point sizes"	Knuutila	293
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	253
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	313
TpX	A drawing tool for Windows	Tsyplakov	497
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	456
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	349
tracking	Adjust tracking of strings	Glazkov	228
tracklang	Language and dialect tracker	Talbot	474
trademarks	A collection of trademarks and the like	Unknown	507
trajan	Fonts from the Trajan column in Rome	Wilson	537
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	281
tramlines	A package for creating tramlines (lines above and below a title used by lawyers in the UK)	Granet	234
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	155
transfig	Transform xfig pictures into many other formats	Smith	449
translation-arr...	French translation of the documentation of array	Drucbert	197
translation-ars...	German version of arsclassica	Römer, Gessinger	416
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	416
translation-boo...	French translation of the documentation of booktabs	Drucbert	197
translation-che...	German version of chemsym	Römer, Heuke	416
translation-dco...	French translation of the documentation of dcolumn	Drucbert	197
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	416
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	327
translation-eur...	German version of europecv	Römer, Fischer	416
translation-fil...	German version of filecontents	Römer, Berndt	416
translation-foo...	A German translation of the documentation of footmisc	Römer	416
translation-mor...	German version of moreverb	Römer, Biniok	416
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	197
translation-pst...	A German translation of the documentation of pst-jtree	Römer	416
translation-tab...	French translation of the documentation of Tabbing	Drucbert	197
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X2e packages	Niederberger	363
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	540

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	531
transparent	Using a color stack for transparency with pdfTeX	Oberdiek	374
tree-dvips	Trees and other linguists' macros	Pease	386
treedef	Macros to typeset trees in Plain TeX	Eppstein	205
treesvr	Tree macros	Vanroose	510
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	153
treetex-plain	Draw trees	Brueggemann-Klein, Wood	162
trfsigns	Typeset transform signs	Rascher	402
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	172
trigonometry	Demonstration code for cos and sin in TeX macros	Taylor	477
trimspaces	Trim spaces around an argument or within a macro	Robertson	409
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	540
trsym	Symbols for transformations	Holfert	259
truchet	Truchet tiling in MetaPost	Roegel	414
truecols	Colour facilities for SliTeX	Love	324
truetypermetrics	Metrics for some TrueType font families	Penninga	387
TrueTypeToType42	Generate a Type 42 font from a TrueType font	Barton	141
truncate	Truncate text to a specified width	Arseneau	135
truthable	Automatically generate truth tables for given variables and statements	Flück	216
TrY	Automation of TeX/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	482
tsconfig	Setup support for TeXshell	Nitschke	365
tsemlines	Support for the ancient \emline macro	Schlemmer	429
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	243
tsvtemplate	Apply a template to a tsv file	Renkema	406
tt2001	Type 1 EC fonts generated by TeXtrace	Szabó	469
ttf-howto	Using TrueType fonts with TeX systems	Harders	247
ttf2mf	Convert True Type fonts to Metafont	Motygin	352
ttf2pfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	314
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siebert, Henlich	530
ttf2tex	Use TrueType fonts with TeX	Lehman	312
ttftogf	Convert True Type fonts to GF format	Vasil'ev	511
tth	A TeX to HTML translator	Hutchinson	263
ttn	TeX and TUG news archive	Thiele	490
ttt	A Tibetan Transcript Transliterator for L <sup>A</sup> T <sub>E</sub> X	Steiner	458
tucv	Support for typesetting a CV or résumé	Louthan	324
tuda-ci	L <sup>A</sup> T <sub>E</sub> X templates of Technische Universität Darmstadt	Peischl	387
tudscr	Corporate Design of Technische Universität Dresden	Hanisch	244
tufte-latex	Document classes inspired by the work of Edward Tufte	Godby	229
tugboat-plain	Plain TeX 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
tui	Thesis style for the University of the Andes, Colombia	Vaughan	512
turabian-format...	Formatting based on Turabian's Manual	Abdool	127
turabian	Create Turabian-formatted material using L <sup>A</sup> T <sub>E</sub> X	Surber	465
turkish	L <sup>A</sup> T <sub>E</sub> X Support for Typesetting Turkish	MacKay	331
turkishintro	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Turkish	Rakhimov	401
turkmen	Babel support for Turkmen	Annagurban	132
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	163
turnthepage	Provide "turn page" instructions	Merciadri	343
TVS	TeX Versioning System	Antos	132
twcal	Calligraphic font for typesetting handwriting	Weinmann	531
tweb	A web system for TeX macro sources	Bzyl	167
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	550
twemojis	Use Twitter's open source emojis through L <sup>A</sup> T <sub>E</sub> X commands	Rossel	417
twocolumns	Knuth's two-column output macros	Knuth	293



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
2in1	Print two pages on a single page	Saxena	425
twoopt	Definitions with two optional arguments	Oberdiek	374
twoside	Two-side typesetting in Plain $\text{\TeX}$	Unknown	507
twoup-gen	Macros to print two-up	Van Zandt, Voß	549
twoup1tx	Print two virtual pages on each physical page	Hansen	244
txfonts	Times-like fonts in support of mathematics	Ryu	423
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	496
txgreek	Shape selection for TX fonts Greek letters	Burnol	166
txp	Draw text along a path	Muelas	353
txt	Output documents via terminals, line printers, etc	Droms	196
txt2latex	Convert text by fixing special chars and quote marks	Miller	346
txt2tex	Add $\text{\LaTeX}$ markup to plain text	Jansons	268
TXUpCal	Upright calligraphic font based on TX calligraphic	Sharpe	443
type1cm	Arbitrary size font selection in $\text{\LaTeX}$	Carlisle	170
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	519
typearea	Set page margins	Kohm, Neukam	297
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in $\text{\LaTeX}$	Grewe	238
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	439
typeface	Select a balanced set of fonts	Jones	272
typehtml	Typeset HTML directly from $\text{\LaTeX}$	Carlisle	171
typeoutfileinfo	Display class/package/file information	Lück	327
typespec	Create font samplers	Moye	353
typewriter	Typeset with a randomly variable monospace font	Carlisle	171
typicons	Font containing a set of web-related icons	Vigil	517
typoid	Macros for font diagnostics	Ratti	402
typografie	A tutorial on typography	Reichert	404
typogrid	Print a typographic grid	Harders	247
tzplot	Plot graphs with TikZ abbreviations	Cho	179
<b>UUUUU</b>			
u8tex	Input Unicode characters in $\text{\TeX}$ notation, in emacs	Pokrovsky	393
uaclases	University of Arizona thesis and dissertation format	Oliver	376
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	259
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	187
uassign	Environments and options for typesetting university assignments	Esau	205
ucalgmthesis	$\text{\LaTeX}$ thesis class for University of Calgary Faculty of Graduate Studies	Zach	547
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	519
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	438
ucharcat	Implementation of the (new in 2015) $\text{\XeTeX}$ <code>\Ucharcat</code> command in lua, for Lua $\text{\TeX}$	Carlisle	171
ucharclasses	Font actions in $\text{\XeTeX}$ according to what is being processed	Kamermans	275
ucs	Extended UTF-8 input encoding support for $\text{\LaTeX}$	Jeltsch, Unruh, Carlisle	270
ucsmonograph	Typesetting academic documents from the University of Caxias do Sul	Baron	140
ucthesis	University of California thesis format	Gildea	226
ucthesis209	$\text{\LaTeX}$ 2.09 document style for UC Theses	Munson	355
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	162
udesoftec	Thesis class for the University of Duisburg-Essen	Schuler	435
uebungsblatt	A $\text{\LaTeX}$ class for writing exercise sheets	Akkerman	129
uestcthesis	Thesis class for UESTC	Fujun	221
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	221
ugarite	Fonts for Ugaritic cuneiform script	Wilson	537
ugaritic	A font for Ugaritic	Stanier	456
uhc	Fonts for the Korean language	Un	499

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
uhhassignment	A document class for typesetting homework assignments	Wittenburg	538
uhrzeit	Time printing, in German	Meltzer	343
uhthesis	University of Houston thesis document style	Georgakopoulos	224
uiucredborder	Class for UIUC thesis red-bordered forms	Pakin	381
uiucthesis	UIUC thesis class	Czoschke, Hull	186
ukbill	A class for typesetting UK legislation	Granet	234
ukdate	Typeset date in a UK-ish form	Clark	181
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	541
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	445
UK-TeX	The UK $\TeX$ digest	Unknown	507
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	498
ulem	Package for underlining	Arseneau	135
ulqda	Support of Qualitative Data Analysis	Griffin	238
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	230
ulsy	Extra mathematical characters	Goldschmitt	229
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	309
Ultra-TeX	An emacs $\TeX$ mode with "lightning completion"	Palmieri	382
umbclegislation	A $\LaTeX$ class for building legislation files for UMBC Student Government Association Bills	DasSarma	189
umich-thesis	University of Michigan Thesis $\LaTeX$ class	Kleb	285
UML	UML diagrams in $\LaTeX$	Gjelstad	228
umlaute	German input encodings in $\LaTeX$	Sommerfeldt	452
umoline	Underline text allowing line breaking	Nakashima	358
umrand	Package for fancy box frames	Schrell, Hörstmeier	434
umthesis	Dissertations at the University of Michigan	Felty	210
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	468
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	154
unamth-template	UNAM Thesis $\LaTeX$ Template	Velázquez	512
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	219
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	211
uncial	Uncial manuscript book-hand font	Wilson	537
undergradmath	$\LaTeX$ Math for Undergraduates cheat sheet	Hefferon	249
underlin-generic	Multi-word underlining	Gildea	227
underlin	Underlined running heads	Schöpf	433
underoverlap	Position decorations over and under expressions	Helvensteijn	251
underscore	Control the behaviour of " _ " in text	Arseneau	135
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	507
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	143
undolabl	Override existing labels	Münch	354
undump	Make a new executable with format loaded	Thomas	491
unfinished	Mark unfinished parts of a document	Unknown	507
unfonts-core	TrueType version of Un-fonts	Un	499
unfonts-extra	TrueType version of Un-fonts	Un	499
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	297
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	187
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	187
unicode-alphabets	Macros for using characters from Unicode's Private Use Area	Eriksen	205
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub Organisation	281
unicode-data	Unicode data and loaders for $\TeX$	Wright, $\LaTeX$ Team	541
unicode-math-input	Allow entering Unicode symbols in math formulas	user20729	509
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	410
unicode	Extended UTF-8 input encoding for $\LaTeX$	Jeltsch, Unruh	270
unicodfonttable	A Unicode font table generator	Mittelbach	348
UniFiTh	Typeset theses for University of Florence (Italy)	Biccari	151

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
unifront	Give notes a unique front page for every chapter and section	Wei	531
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	387
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	550
uninormalize	Unicode normalization support	Hoftich	259
uniquecounter	Provides unlimited unique counter	Oberdiek	374
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	507
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	226
unitconv	Convert a length into one with another unit	Voß	524
unitipa	TIPA typefaces with Unicode characters as input	Unknown	507
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	399
units	Typeset units	Reichert	404
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	244
universa	Herbert Bayer's 'universal' font	Holm Christensen	180
universalis	Universalis font, with support	Tennent	482
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	453
unixman	Typeset to look like Unix man output	Barton-Davis	141
unizgklasa	A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb	Milin	345
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	341
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	489
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	216
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	342
unswthesis	UNSW theses	Zaitseff	548
untex	Strip (La)TeX commands from source file	Staats, Endisch	455
uol-physics-report	A L <sup>A</sup> T <sub>E</sub> X document class for writing lab reports	Suchard	465
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	131
uowthesis	Document class for dissertations at the University of Wollongong	Ye	546
uowthesisistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	238
upca	Print UPC-A barcodes	Mrkus	353
upgreek	Upright Greek letters	Schmidt, Harcombe	431
uplatex	pLaTeX2e and miscellaneous macros for upTeX	Maeda, Japanese T <sub>E</sub> X Team	332
upmendex	Multilingual index processor	Tanaka	475
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	222
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	281
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	185
upref	Ensure references are upright	The AMS	484
uptex-base	Plain T <sub>E</sub> X formats and documents for upTeX	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	333
uptex-fonts	Fonts for use with upTeX	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	333
uptex	Unicode version of pTeX	Tanaka	475
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pTeX	Zhang	551
urcls	Beamer and scrlltr2 classes and styles for the University of Regensburg	Peischl	387
uri	Hyperlinks for a wide range of URIs	Münch	354
url	Verbatim with URL-sensitive line breaks	Arseneau	136
urlbst	Web support for BibTeX	Gray	235
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	509
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	509

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
URW-base35	URW ‘Base 35’ font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	508
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	431
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	509
urw	URW free font support	URW GmbH	508
urwchancal	Use URW’s clone of Zapf Chancery as a maths alphabet	Sharpe	443
urwvf	Support for use of free URW fonts	Wierzbicki	533
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	182
usebib	A simple bibliography processor	Gregorio	237
usenix	Style option to do Usenix conference proceedings	Steiner	458
ushort	Shorter (and longer) underlines and underbars	Väth	511
ushyph	US hyphenation patterns	Kuiken	303
uspace	Giving meaning to various Unicode space characters	Haisman	242
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	397
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	489
ut-backref	Modified backref	Utcke	509
ut-thesis	University of Toronto thesis style	Pitt, Knight	392
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	288
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	273
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	167
utfsym	Provides various Unicode symbols	Spittank	453
util-half	A half-tone font	Unknown	507
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	189
ualetter	Unofficial letterhead template for the University of Amsterdam	Piazzai	389
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	390
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	390
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	391
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	391
uwmslide	Slides with a simple Power Point like appearance	Benedict	148
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	327
vak	BibTeX style for Russian Theses, books, etc	Melnikov	343
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	146
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	281
variations	Typeset tables of variations of functions	Obrecht	374
varindent	Make paragraph indentation match the length of the line above	Arseneau	136
varindex	Luxury frontend to the \index command	Väth	511
varioref	Intelligent page references	Mittelbach	348
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	261
varsects	A simple package for controlling headings	Taupin	476
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	552
varwidth	A variable-width minipage	Arseneau	136
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	319
vc	The vc (version control) bundle	Hennig, Hieber	253
vcell	Vertical alignment of content inside table cells	Dionne	193
vdm	Typesetting VDM schemas	Wolczko	538
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	310

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	201
venn	Creating Venn diagrams with MetaPost	Hefferon	249
venndiagram	Creating Venn diagrams with TikZ	Talbot	474
venturisADF	Venturis ADF fonts collection	Harendal, Rees	247
verbasef	VERBatim Automatic Splitting of External Files	Thompson	491
verbatim-gen	Generic macros for setting text verbatim	Taylor	477
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	507
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	147
verbatim	Reimplementation of and extensions to L <sup>A</sup> T <sub>E</sub> X verbatim	Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	433
verbatimbox	Deposit verbatim text in a box	Segletes	439
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	332
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	207
verbinp	"8-bit" verbatim	Perske	388
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	552
verbtex	Verbatim, interpreting non-ascii text	Perske	388
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	351
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	187
verifica	Typeset (Italian high school) exercises	Dossena	195
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	398
verse	Aids for typesetting simple verse	Robertson, Wilson	412
version	Conditionally include text	Bellantoni, Arseneau	148
versions	Optionally omit pieces of text	Lück	327
versionotes	Display brief notes on verso pages	Gray	236
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	412
vertex	Styles for economics working papers and journals	Varian	511
vf-howto	Tutorial on creating virtual fonts	Schmitz	432
vf-knuth	Knuth on virtual fonts	Knuth	293
vfcomb	VF author support	Berdnikov	149
vfinst	Virtual font installation support	Hoening	257
vfware	Tools for virtual font metrics	Knuth	293
vgrid	Overlay a grid on the printed page	Lawrence	310
vhistory	Support for creating a change log	Wertenaue	532
vicentino	Vicentino fonts	Kraml, Kilfiger	299
vietnet	Preprocessor and macros for Vietnamese	Tran	495
viipart	7pt-article class	Zadka	547
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	552
vispeech	Using Bell's Visible Speech alphabet	Shoulson	445
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	274
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	381
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	173
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	415
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	303
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	208
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	290
vnex-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	299
vnex	Support for Vietnamese	Thành, Lemberg, Kotucha	483
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Verwerdis	513
volumes	Typeset only parts of a document, with complete indexes etc	Küster	305
voss-mathcol	Typesetting mathematics in colour, in (La)T <sub>E</sub> X	Voß	524
voss-mathmode	A comprehensive review of mathematics in (La)T <sub>E</sub> X	Voß	524
vowel	Draw vowel charts for phonetic research	Rei	404
vpage	Set page sizes	Kuhlmann	303



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
vpe	Source specials for PDF output	Oberdiek	374
vplutils	Manipulate (virtual) property lists	Duggan	198
vpp	View and (selectively) Print PDF and PostScript	Dekker	190
vrbl	Verbatim macros in plain T <sub>E</sub> X	van der Laan	306
vrblxin	Verbatim input support	Thompson	491
vrblion	Add version number to a DVI file	Dahlgren	187
vrblur	Numbering text	Jiang	271
VSliTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	294
vtable	Vertical alignment of table cells	Paciorek	379
VTeX/Free	TeX system and PDF support for Linux and OS/2	MicroPress	344
vutex	View T <sub>E</sub> X output on an ASCII-only terminal	Wolfe	538
vvcode	Reliable encoder for binary files via email	Kempson	279
vwcol	Variable-width multiple text columns	Robertson	409
vxu	Document classes for Vaxjo University	Nyqvist	367
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	431
w32tex	A comprehensive T <sub>E</sub> X system for Windows	Kakuto	275
wadalab	Wadalab (Japanese) font packages	Lemberg	315
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	534
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	247
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	413
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	431
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	256
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	527
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	282
watermark	Draw "watermarks" on the output page	Rozhenko	422
weave	Generate T <sub>E</sub> X source from web	Knuth	293
web	The original literate programming system	Knuth	293
Web2C	Conversion programs and supporting code to compile T <sub>E</sub> X in C	Weber, T <sub>E</sub> XLive	530
web2w	Converting T <sub>E</sub> X from WEB to cweb	Ruckert	422
web9pt	Nine-point web listings	Unknown	508
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	232
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	395
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	537
webmacss	Use sans serif font in Web listings	Unknown	508
webomints	Webomints font support	Loreti	324
WebQuiz	Write interactive web based quizzes	Mathas	337
weekday	Generate "day of week"	Vulis	526
wheelchart	Draw wheelcharts with TikZ	Floré	216
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	382
wichura-table	Table macros for plain T <sub>E</sub> X (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	533
widetable	An environment for typesetting tables of specified width	Beccari	145
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	348
wiggly	Draw wiggly lines under text	Garavelli	223
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	327
williams	Miscellaneous macros by Peter Williams	Williams	534
willowtreebook	Easy basic book class, built on memoir	McKay	341
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	299
window	Create windows in paragraphs	Schalück	426
windvi	MS-Windows DVI viewer	Popineau	394
windycity	A Chicago style for BibLaTeX	Chase	175
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	448

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
winemtex	EmTeX for windows	Unknown	508
Winfonts	Use fonts distributed with Windows XP	Pichaureau	389
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	405
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	353
withargs	In-place argument substitution	Helvensteijn	251
witharrows	“Aligned” math environments with arrows for comments	Pantigny	383
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	148
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	353
wmf2eps	Windows metafile conversion	Schulter	436
wmf2epsc	Windows metafile conversion	Schulter	436
wncyr	University of Washington cyrillic fonts	The AMS	484
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	382
wnri	Ridgeway’s fonts	Ridgeway, Pandey	407
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	508
woctag	Generate the German weekday name for a date	Schrell	433
Woff2OT	Woff to OpenType converter	Frane Jr	274
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	448
wordcloud	Drawing wordclouds with MetaPost and Lua	Chupin	180
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	390
wordlike	Simulating word processor layout	Fenn	210
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	188
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	538
worksheet	Easy creation of worksheets	Zöllner	552
worldflags	Drawing flags with TikZ	Haager	241
wotree	Draw Warnier/Orr diagrams	Gurari	241
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtík	217
wrapfig	Produces figures which text can flow around	Arseneau	136
wrapfig2	Wrap text around figures	Beccari	145
wrapstuff	Wrapping text around stuff	Lee	311
wright	Define commands with optional arguments	Unknown	508
WriteOnGrid	Write on grid lines	Pierquet	390
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	450
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	417
wsuipa	International Phonetic Alphabet fonts	Guenther	239
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	288
WTRef	Extend L <sup>A</sup> T <sub>E</sub> X’s cross-reference system	Asakura	136
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	387
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	508
xassocnt	Associated counters stepping simultaneously	Hupfer	263
xbibfile	Create and search BibTeX databases	Maloney	334
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	278
xbmks	Create a cross-document bookmark tree	Story	463
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	215
XCharter	Extension of Bitstream Charter fonts	Sharpe	443
xcite	Use citation keys from a different document	Gregorio	237
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	311
xcmr	A crossed-out version of Computer Modern	Unknown	508
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	263
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	489

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	377
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	279
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	549
xcookybooky	Typeset (potentially long) recipes	Harder	245
xcpdftips	Natbib citations with PDF tooltips	Kocic	293
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	251
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	397
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	508
xdvi	A DVI previewer for the X Window System	Vojta	519
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	403
xexchangebar	An extension of package changebar that can be used with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	468
xecjk	Support for CJK documents in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	311
xecolor	Support for color in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	281
xecolour	Support for colour in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	281
xecyr	Using Cyrillic languages in XeTeX	Shipunov	445
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	468
xeindex	Automatic index generation for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	266
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	231
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	352
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	281
xesearch	A string finder for XeTeX	Isambert, Robbers	266
xesoul	Use the soul package with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	468
xespotcolor	Spot colours support for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	468
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	331
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	350
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	458
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	468
xetex-itrans	Itrans input maps for use with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	127
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	444
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	458
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	279
xetexfontinfo	Report font features in XeTeX	Kew	279
xetexko	Typeset Korean with Xe(La)TeX	Kim	283
XeTeXref	Reference documentation of XeTeX	Robertson	410
xevlua	Insert non-breakable spaces using XeTeX	Wagner	527
xfakebold	Fake a regular font for bold characters	Voß	524
xfig	XWindows vector drawing program	Smith	450
xfor	A reimplementation of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	474
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	489
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	259
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	489
xgreek	Greek Language Support for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	468
xhfill	Extending \hrulefill	Voß	524
xifthen	Extended conditional commands	Noirel	365
xii-lat	Christmas silliness (Latin)	Carlisle	171
xii	Christmas silliness (English)	Carlisle	171
xindex	Unicode-compatible index generation	Voß	524

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	281
xindy	A general-purpose index processor	Kehr, Schrod	278
xint	Expandable operations on long numbers	Burnol	166
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	166
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	455
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	261
xkcdcolors	xkcd names of colors	Giannetti	225
xkeyval	Extension of the keyval package	Adriaens	128
xkvltxp	Provision for expandable macros in package options	Adriaens	128
xkvview	Xkeyval viewer	Adriaens	128
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	525
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	410
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	454
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfigner	283
xmltex	Support for parsing XML documents	Carlisle	171
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	450
xmthesis	XMU thesis style	Cao	169
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	365
xoptarg	Expandable macros that take an optional argument	Noirel	365
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	489
xpatch	Extending etoolbox patching commands	Gregorio	237
xpdf	Viewing and manipulating PDF files	Noonburg	366
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	192
xpeek	Define commands that peek ahead in the input stream	Salomon	423
xpiano	An extension of the piano package	Gregorio	237
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	221
xpinyin	Automatically add pinyin to Chinese characters	Lee	311
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	262
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	402
xq	Support for writing about xiangqi	Weinhold, Pipping	531
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	171
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
xrefwarn	Only one warning for an undefined citation	Verwer	513
xsavebox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	233
xsim	eXercise Sheets IMproved	Niederberger	363
xskak	An extension to the skak package for chess typesetting	Fischer	214
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	478
xtab	Break tables across pages	Robertson, Wilson	412
xtcaps	Defining language-dependent text macros	Fricke	219
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	308
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	489
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	448
XteXShell	A shell/editor	Hofmann	257

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	422
xtuthesis	XTU thesis template	Dongdong	195
xunicode	Generate Unicode characters from accented glyphs	Moore	350
xurl	Allow URL breaks at any alphanumerical character	Voß	524
xwatermark	Graphics and text watermarks on selected pages	Musa	357
xwpick	Pick an image from an X display	Chernyaev	177
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	519
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	417
xymtex	Typesetting chemical structures	Fujita	221
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	168
xypic	Flexible diagramming macros	Rose, Moore	417
xytree	Tree macros using XY-Pic	Un	499
<b>YYYYY</b>			
yacco2	Multi-threaded LR(1) compiler/compiler that emits literate grammar documents	Bone	154
yafont	A bundle of miscellaneous footnote packages	Nakashima	358
yagusylo	A symbol loader	Henel	253
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	231
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	206
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	331
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	245
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	266
yazd-thesis	A template for the Yazd University	Damanafshan	188
ybook	Template for YB Branded Books	Bugayenko	164
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	428
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	351
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	215
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	161
yfonts	Support for old German fonts	Schmidt, Preining	431
yfrak	Old German Fraktur font	Haralambous	245
ygoth	Old German Gothic font	Haralambous	245
yhmth	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	245
yi4latex	Yi (Southern Chinese) support	Corff	184
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	434
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	245
yinit	Old German decorative initials	Haralambous	245
york-thesis	A thesis class file for York University, Toronto	Gall	222
young	Young tableaux	Knappen, Wormer	290
youngtab	Typeset Young-Tableaux	Börchers	155
yplan	Daily planner type calendar	Nickalls, Harders	361
yquant	Typesetting quantum circuits in a human-readable language	Desef	192
yswab	Old German Schwabacher font	Haralambous	245
yt4pdf	Play YouTube videos in a PDF	Story	463
ytableau	Many-featured Young tableaux and Young diagrams	Reich	404
ytex	Macro package developed at MIT	Brotsky	162
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	508
zahl2string	Format numbers as German words	Sauer	425
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	345
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	145
zebra-goodies	A collection of handy macros for paper writing	Xue	543



Package	Caption	Author	Page
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	189
zed	Typeset Z specifications	Spivey	454
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	222
zennote	Streamline your note-taking process!	Liang	316
zero	Start list (etc.) numbering at zero	Verhoeff	512
zhlineskip	Line spacing for CJK documents	Zhang	550
zhlipsum	Chinese dummy text	Zeng	550
zhmakeindex	Makeindex replacement for Chinese users	Liu	318
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	318
zhmetrics-uptex	Chinese font metrics for upTeX	Liu	318
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	528
zhnumber	Typeset Chinese representations of numbers	Lee	311
zhspacing	Spacing for mixed CJK-English documents in XeTeX	Dian, Lee	193
ziffer	Conversion of punctuation in maths mode	Väth	511
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	306
zip	Barcodes for USA ZIP code	Smith	450
zitie	Create CJK character calligraphy practicing sheets	Unknown	508
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	443
zootaxa-bst	A BibTeX style for the journal Zootaxa	Ballen	139
zref-check	Flexible cross-references with contextual checks based on zref	Barros	140
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	140
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	374
zwgetfdate	Get package or file date	Wagner	527
zwpagelayout	Page layout and crop-marks	Wagner	527
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	183
zxjafbfont	Fallback CJK font support for xeCJK	Yato	546
ZXjafont	Set up Japanese font families for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	546
ZXjatype	Standard conforming typesetting of Japanese, for X <sub>3</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	546
ZzTeX	A full-featured T <sub>E</sub> X macro package for producing books, journals, and manuals	Anagnostopoulos	131

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URL: <https://ctan.org/pkg/tvs>  
MIRROR: <https://mirror.ctan.org/support/TVS>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/calorie.sty>
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MIRROR: [https://mirror.ctan.org/graphics/circuit\\_macros](https://mirror.ctan.org/graphics/circuit_macros)
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MIRROR: <https://mirror.ctan.org/support/arraymaker>
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MIRROR: <https://mirror.ctan.org/support/cluttex>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abntex2>

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 LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/background>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancypar>
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 URL: <https://ctan.org/pkg/makecirc>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/makecirc>
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 URL: <https://ctan.org/pkg/babel-icelandic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/icelandic>
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 URL: <https://ctan.org/pkg/lstbayes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayes>
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 URL: <https://ctan.org/pkg/longfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statrep>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gloss>
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/mkpkfontdir>
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 URL: <https://ctan.org/pkg/braket>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/braket>
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 URL: <https://ctan.org/pkg/cancel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>
- *The cases package. Numbered cases environment*. 2020-04-03. Version 3.2. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cases>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cases>
- *The chapterbib package. Multiple bibliographies in a document*. 2016-06-24. Version 1.17. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chapterbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
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 URL: <https://ctan.org/pkg/cite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
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 URL: <https://ctan.org/pkg/cite-bundle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>

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 URL: <https://ctan.org/pkg/dotseqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotseqn>
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 URL: <https://ctan.org/pkg/drftcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite/drftcite.sty>
  - *The framed package. Framed or shaded regions that can break across pages.* 2016-06-24. Version 0.96. LICENSE: other-free  
 URL: <https://ctan.org/pkg/framed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/framed>
  - *The fwlw package. Get first and last words of a page.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/fwlw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fwlw>
  - *The import package. Establish input relative to a directory.* 2020-04-03. Version 6.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/import>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/import>
  - *The longdiv package. Long division arithmetic problems.* 2020-04-11. Version 1. LICENSE: pd. Work out and print integer long division problems. Use: . The numerator and denominator (divisor and dividend) must be integers, and the quotient is an integer too. leaves the remainder from the division at the bottom of its diagram of the problem.  
 URL: <https://ctan.org/pkg/longdiv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/longdiv.tex>
  - *The magaz package. Magazine layout.* 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://ctan.org/pkg/magaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magaz>
  - *The nolbreaks package. No line breaks in text.* 2016-06-24. Version 1.2. LICENSE: pd. Use to prevent line breaks in “some text”. This has the advantage over that glue (rubber space) remains flexible. Most common cases are handled here ( is disabled, for example) but spaces hidden in macros or can still create break-points.  
 URL: <https://ctan.org/pkg/nolbreaks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nolbreaks>
  - *The notoccite package. Prevent trouble from citations in table of contents, etc.* 2016-06-24. LICENSE: pd. If you have commands in -like commands, or in , the citation will also appear in the table of contents, or list of whatever. If you are also using an unsrt-like bibliography style, these citations will come at the very start of the bibliography, which is confusing. This package suppresses the effect.  
 URL: <https://ctan.org/pkg/notoccite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notoccite>
  - *The nth package. Generate English ordinal numbers.* 2020-04-11. LICENSE: pd. The command generates English ordinal numbers of the form 1st, 2nd, 3rd, 4th, etc. L<sup>A</sup>T<sub>E</sub>X package options may specify that the ordinal mark be superscripted, and that negative numbers may be treated; Plain T<sub>E</sub>X users have no access to package options, so need to redefine macros for these changes.  
 URL: <https://ctan.org/pkg/nth>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/nth.sty>
  - *The optional package. Facilitate optional printing of parts of a document.* 2016-06-24. Version 2.2b. LICENSE: l<sup>a</sup>tp<sub>s</sub>  
 URL: <https://ctan.org/pkg/optional>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/optional>
  - *The oubraces package. Braces over and under a formula.* 2016-06-24. LICENSE: other-free. Provides a means to interleave and in the same formula.  
 URL: <https://ctan.org/pkg/oubraces>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oubraces>
  - *The overcite package. Compressed lists of superscript numerical citations.* 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
 URL: <https://ctan.org/pkg/overcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The placeins package. Control float placement.* 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
 URL: <https://ctan.org/pkg/placeins>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>

- Arseneau, Donald. *The placeins-plain package. Insertions that keep their place*. 2016-06-24. Version 2.0. LICENSE: pd. This  $\TeX$  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>
  - *The truncate package. Truncate text to a specified width*. 2016-06-24. Version 3.6. LICENSE: pd  
URL: <https://ctan.org/pkg/truncate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/truncate>
  - *The ulem package. Package for underlining*. 2020-01-10. LICENSE: other-free  
URL: <https://ctan.org/pkg/ulem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ulem>
  - *The underscore package. Control the behaviour of “\_” in text*. 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/underscore>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underscore>
  - *The url package. Verbatim with URL-sensitive line breaks*. 2016-06-24. Version 3.4. LICENSE: lppl. The command is a form of verbatim command that allows linebreaks at certain characters or combinations of characters, accepts reconfiguration, and can usually be used in the argument to another command. (The command provides robust commands that serve in cases when doesn’t work in an argument.) The command is intended for email addresses, hypertext links, directories/paths, etc., which

normally have no spaces, so by default the package ignores spaces in its argument. However, a package option “allows spaces”, which is useful for operating systems where spaces are a common part of file names.

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

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

Arseneau, Donald. *The varindent package. Make paragraph indentation match the length of the line above.* 2016-06-24. LICENSE: noinfo. The package will cause paragraphs to indent to the same position as the end of the last line of the previous paragraph, unless the resulting position would take you to within of the end of the line.

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

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

— *The varwidth package. A variable-width minipage.* 2018-01-06. Version 0.92. LICENSE: lpl

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

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

— *The wrapfig package. Produces figures which text can flow around.* 2021-12-30. Version 3.6. LICENSE: lpl

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

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

Arseneau, Donald and Johannes L. Braams. *The subeqn package. Package for subequation numbering.* 2016-06-24. Version 2.0b. LICENSE: lpl

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

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

Artime, Carlos Enrique Carleos, Luis Rivera, and Daniel Vela. *The lshort-spanish package. Short introduction to L<sup>A</sup>T<sub>E</sub>X, Spanish translation.* 2016-06-24. Version 0.5. LICENSE: other-free. A Spanish translation of the , version 20.

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

MIRROR: <https://mirror.ctan.org/info/lshort/spanish>

Asakura, Takuto. *The BXghost package. Ghost insertion for proper xkanjiskip.* 2023-02-25. Version 0.5.1. LICENSE: mit

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

MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxghost>

— *The BXjaholiday package. Support for Japanese holidays.* 2021-09-28. Version 1.1.1. LICENSE: mit

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

MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjaholiday>

— *The gotoh package. An implementation of the Gotoh sequence alignment algorithm.* 2017-07-07. Version 1.1. LICENSE: mit

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

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

— *The Light L<sup>A</sup>T<sub>E</sub>X Make package. lmk: A build tool for L<sup>A</sup>T<sub>E</sub>X documents.* 2023-03-08. Version 1.2.0. LICENSE: mit

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

MIRROR: <https://mirror.ctan.org/support/light-latex-make>

— *The platexcheat package. A L<sup>A</sup>T<sub>E</sub>X cheat sheet, in Japanese.* 2019-01-04. Version 3.1. LICENSE: mit

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

MIRROR: <https://mirror.ctan.org/info/latexcheat/platexcheat>

— *The WTRef package. Extend L<sup>A</sup>T<sub>E</sub>X’s cross-reference system.* 2020-06-15. Version 0.4.0. LICENSE: mit. Prerequisite packages: and .

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

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

Asakura, Takuto, Thomas Esser, Manuel Pégourié-Gonnard, and The T<sub>E</sub>X Live Team. *The texdoc package. Documentation access for T<sub>E</sub>X Live.* 2023-02-27. Version 4.0.1. LICENSE: gpl. is a Lua script providing easy access to the documentation in T<sub>E</sub>X Live: PDF, DVI, plain text files, and more. Viewing and other configuration can be extensively customized. It is distributed with ; provides a program by the same name to do the same job, but its implementation is unrelated.

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URL: <https://ctan.org/pkg/postnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
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URL: <https://ctan.org/pkg/zref-check>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-check>
  - *The zref-clever package. Clever L<sup>A</sup>T<sub>E</sub>X cross-references based on zref*. 2023-06-19. Version 0.4.1. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.  
URL: <https://ctan.org/pkg/zref-clever>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>
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- commands, each of which essentially does some (scoped) setup for , then calls the original one.  
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- 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>  
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 URL: <https://ctan.org/pkg/circle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/circle>
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 URL: <https://ctan.org/pkg/ltb2bib>  
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- 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>  
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 URL: <https://ctan.org/pkg/sansmathfonts>  
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 URL: <https://ctan.org/pkg/lshort-mongol>  
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 URL: <https://ctan.org/pkg/mnhyphn>  
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  - *The mongolian-babel package. A language definition file for Mongolian in Babel*. 2016-06-24. Version 1.2. LICENSE: lppl  
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 URL: <https://ctan.org/pkg/lwasseq>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lwasseq>
- *The sseq package. Typesetting spectral sequence charts*. 2016-06-24. Version 2.01. LICENSE: lppl. The package provides commands to draw spectral sequence diagrams, providing facilities for clipping and arranging multiple symbols so that they do not overlap. The package is built using , 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>  
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 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.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undertilde>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modref>
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 URL: <https://ctan.org/pkg/aspectratio>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aspectratio>
  - *The babel-friulan package. Babel/Polyglossia support for Friulan(Furlan)*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package provides a language description file that enables support of Friulan either with or with .  
 URL: <https://ctan.org/pkg/babel-friulan>  
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  - URL: <https://ctan.org/pkg/babel-romansh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
  - *The begingreek package. Greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only*. 2022-05-16. Version 1.7. LICENSE: lppl1.3c. This simple package defines a greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only, that accepts an optional Greek font family name to type its contents with. A similar command does a similar action for shorter texts.
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  - 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: lppl1.3
  - 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: lppl1.3c. The package extends the drawing capacities of the that serves as a L<sup>A</sup>T<sub>E</sub>X2e replacement for picture mode. In particular, curve2e introduces new macros for lines and vectors, new specifications for line terminations and joins, arcs with any angular aperture, arcs with arrows at one or both ends, generic curves specified with their nodes and the tangent direction at these nodes.
  - URL: <https://ctan.org/pkg/curve2e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/curve2e>
  - *The ecclesiastic package. Typesetting Ecclesiastic Latin*. 2016-06-24. Version 0.3. LICENSE: lppl1.3. The package modifies the way the option to operates when typesetting Latin. The style is somewhat ‘frenchified’ in respect of punctuation spacings and footnote style; shortcuts are available in order to set accents on all vowels, including y and the diphthongs ae and oe.
  - URL: <https://ctan.org/pkg/ecclesiastic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecclesiastic>
  - *The euclideangeometry package. Draw geometrical constructions*. 2023-07-11. Version 0.2.2. LICENSE: lppl1.3c
  - URL: <https://ctan.org/pkg/euclideangeometry>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euclideangeometry>
  - *The fixltxhyph package. Allow hyphenation of partially-emphasised substrings*. 2016-06-24. Version 0.4. LICENSE: lppl1.3
  - URL: <https://ctan.org/pkg/fixltxhyph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fixltxhyph>
  - *The ithyph package. Hyphenation patterns for the Italian language*. 2018-10-09. Version 4.8g. LICENSE: lgpl
  - URL: <https://ctan.org/pkg/ithyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/ithyph.tex>
  - *The lahyph package. Hyphenation patterns for the Latin language*. 2016-11-05. Version 3.1. LICENSE: lppl
  - URL: <https://ctan.org/pkg/lahyph>  
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 URL: <https://ctan.org/pkg/teubner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/teubner>
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 URL: <https://ctan.org/pkg/toptesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
  - *The widetable package. An environment for typesetting tables of specified width.* 2020-01-15. Version 2.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/widetable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/widetable>
  - *The wrapfig2 package. Wrap text around figures.* 2023-02-23. Version 6.1.1. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imakeidx>
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 MIRROR: <https://mirror.ctan.org/support/ltxdiff>
- *The runtex package. Windows program to run T<sub>E</sub>X variant and various utils as needed.* 2016-06-24. Version 0.1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/runtex>  
 MIRROR: <https://mirror.ctan.org/support/runtex>
- Becker, Brett A. *The anonymous-acm package. Typeset anonymous versions for ACM articles.* 2020-05-15. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/anonymous-acm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonymous-acm>



- Becker, Daniel. *The epspdfconversion package. On-the-fly conversion of EPS to PDF*. 2016-06-24. Version 0.61. LICENSE: lppl. The package calls the package to convert EPS graphics to PDF, on the fly. It serves as a vehicle for passing conversion options (such as , or ) to the converter.  
 URL: <https://ctan.org/pkg/epspdfconversion>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epspdfconversion>
- Beuwe, Stefan, Bart Windels, and Tobias Oetiker. *The lshort-dutch package. Introduction to L<sup>A</sup>T<sub>E</sub>X in Dutch*. 2016-06-24. Version 1.3. LICENSE: gpl. This is the Dutch (Netherlands) translation of the .  
 URL: <https://ctan.org/pkg/lshort-dutch>  
 MIRROR: <https://mirror.ctan.org/info/lshort/dutch>
- Beebe, Nelson H. F. *The Beebe-DVI package. A modular collection of DVI processors*. 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/dviware/beebe>
- *The bibclean package. A BibTeX prettyprinter, verifier, etc.* 2016-06-24. Version 2.11.3. LICENSE: noinfo. Bibclean is a portable program (written in C) that will pretty-print, syntax check, and generally sort out a BibTeX database file. The standardised format of bibclean’s output improves the chances of simple filters such as , , , (and so on) operating correctly.  
 URL: <https://ctan.org/pkg/bibclean>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibclean>
  - *The bibextract package. Utilities to extract BibTeX data*. 2016-06-24. Version 1.09. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibextract>  
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 URL: <https://ctan.org/pkg/biblio>  
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  - *The bibmods package. Tighter tolerances for bibliographies*. 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibmods>  
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  - *The bibsort package. Sort a BibTeX bibliography file*. 2017-04-18. Version 0.11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibsort>  
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  - *The BibTeX-examples package. Examples of BibTeX usage*. 2016-06-24. LICENSE: noinfo  
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  - *The bibtex-test package. BibTeX testing files*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bibtex-test>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/test>
  - *The filehdr package. Self-descriptions in file headers*. 2016-06-24. Version 1.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/filehdr>  
 MIRROR: <https://mirror.ctan.org/support/filehdr>
  - *The is-bst package. Extended versions of standard BibTeX styles*. 2019-11-05. Version 2.03. LICENSE: other-free  
 URL: <https://ctan.org/pkg/is-bst>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/is-bst>
  - *The showtags package. Print the tags of bibliography entries*. 2016-06-24. Version 1.05. LICENSE: pd  
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  - *The endheads package. Running headers of the form "Notes to pp.xx-yy"*. 2017-04-08. Version 1.6. LICENSE: lppl. Endheads provides running headers of the form "Notes to pp. xx-yy" for endnotes sections. It also enables one to reset the endnotes counter, and put a line marking the chapter change in the endnotes, at the beginning of every chapter. Endheads requires the , , , and packages.  
 URL: <https://ctan.org/pkg/endheads>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endheads>
  - *The poemscol package. Typesetting Critical Editions of Poetry*. 2020-08-09. Version 3.1415926. LICENSE: lppl1.3c. The package offers L<sup>A</sup>T<sub>E</sub>X macros for typesetting critical editions of poetry. Its features include automatic linenumbers, generation of separate endnotes sections for emendations, textual collations, and explanatory notes, special marking for cases in which page breaks occur during stanza breaks, running headers of the form 'Notes to pp. –' for the notes sections, index of titles and first lines, and automatic generation of a table of contents.  
 URL: <https://ctan.org/pkg/poemscol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/poemscol>



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 URL: <https://ctan.org/pkg/brandeis-dissertation>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-dissertation>
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 URL: <https://ctan.org/pkg/pst-barcode>  
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- Busa, Jan and Tobias Oetiker. *The lshort-slovak package*. *Slovak introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl. A Slovak translation of Oetiker's .  
 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs>
- Buxbaum, Engelbert. *The alchemist package*. *Typeset alchemist and astrological symbols*. 2023-04-10. Version 1.00. LICENSE: gpl,lppl  
 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>
- Bzyl, Wlodek. *The i-ching package*. *An i-ching package*. 2016-06-24. LICENSE: gpl. A complete Plain T<sub>E</sub>X-based i-ching divination system, including an Adobe Type 1 font for the characters. Translations are derived from Alan Stanier's work in his package.  
 URL: <https://ctan.org/pkg/i-ching>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/i-ching>
- *The tweb package*. *A web system for T<sub>E</sub>X macro sources*. 2016-06-24. LICENSE: noinfo. Tweb uses to provide a better means of printing T<sub>E</sub>X macro sources.  
 URL: <https://ctan.org/pkg/tweb>  
 MIRROR: <https://mirror.ctan.org/web/tweb>
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 URL: <https://ctan.org/pkg/utf8mex>  
 MIRROR: <https://mirror.ctan.org/language/polish/utf8mex>

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 URL: <https://ctan.org/pkg/ladder>  
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 URL: <https://ctan.org/pkg/mrcheckbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/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>
- Callil-Soares, Pedro. *The tikzviolinplots package. Draws violin plots from data*. 2023-03-23. Version 0.7.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tikzviolinplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzviolinplots>
- Calvani, Massimo. *The prepr package. Preprint macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prepr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
- Camara Neto, Vilar da. *The breakurl package. Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf*. 2016-06-24. Version 1.40. LICENSE: lppl. This package provides a command much like hyperref's that typesets a URL using a typewriter-like font. However, if the dvips driver is being used, the original doesn't allow line breaks in the middle of the created link: the link comes in one atomic piece. This package allows such line breaks in the generated links.  
 URL: <https://ctan.org/pkg/breakurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakurl>
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 URL: <https://ctan.org/pkg/beamer-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/beamer>
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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>
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 URL: <https://ctan.org/pkg/drop>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>

- Cao, Camuse. *The xmuthesis package. XMU thesis style*. 2020-10-12. Version 0.4.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xmuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmuthesis>
- Cappelletti, Luca. *The adigraph package. Augmenting directed graphs*. 2019-01-29. Version 1.7.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/adigraph>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/adigraph>
- *The lectures package. A document class for quickly drafting nice looking lecture notes*. 2020-02-02. Version 1.0.5. LICENSE: mit. This L<sup>A</sup>T<sub>E</sub>X documentclass provides a number of gimmicks to draft nice looking lecture notes, such as a number of theorem environments, automatic spacing and alignment of figures and much more. More information is available in the .  
 URL: <https://ctan.org/pkg/lectures>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lectures>
- Caprio, Mark. *The iopart-num package. Numeric citation style for IOP journals*. 2016-06-24. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/iopart-num>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>
- *The svgcolor package. Define SVG named colours*. 2018-09-15. Version 1.0. LICENSE: lppl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>
- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle’s small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle’s more substantial packages stand on their own, or as part of the L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
  - *The colortbl package. Add colour to L<sup>A</sup>T<sub>E</sub>X tables*. 2022-07-31. Version 1.0f. LICENSE: lppl  
 URL: <https://ctan.org/pkg/colortbl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colortbl>
  - *The comma package. Formats a number by inserting commas*. 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comma>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/comma>
  - *The dotlessj package. Generates a dot-less j*. 2022-03-14. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dotlessj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/dotlessj.sty>
  - *The 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/elocalloc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elocalloc>
  - *The fix2col package. Fix miscellaneous two column mode features*. 2016-06-24. Version 0.04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/fix2col>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fix2col>
  - *The fragments package. Fragments of L<sup>A</sup>T<sub>E</sub>X code*. 2018-09-13. LICENSE: collection  
 URL: <https://ctan.org/pkg/fragments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments>
  - *The graphics-pln package. LaTeX-style graphics for Plain T<sub>E</sub>X users*. 2022-12-02. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>

- Carlisle, David. *The hhline package. Better horizontal lines in tabulars and arrays.* 2023-06-09. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hhline>  
 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>
  - *The scalefnt package. Rescale fonts to arbitrary sizes.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/scalefnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/scalefnt.sty>
  - *The showkeys package. Show label, ref, cite and bib keys.* 2023-06-09. Version 3.19. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/showkeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The slashed package. Put a slash through characters.* 2022-03-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/slashed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/slashed.sty>
  - *The tabulary package. Tabular with variable width columns balanced.* 2018-01-06. Version 0.10. LICENSE: lppl. The package defines a -like environment , taking a 'total width' argument as well as the column specifications. The environment uses column types , and for variable width columns ( , , and normally justified). In contrast to 's X columns, the width of each column is weighted according to the natural width of the widest cell in the column.  
 URL: <https://ctan.org/pkg/tabulary>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabulary>
  - *The textcase package. Case conversion ignoring mathematics, etc.* 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  
 URL: <https://ctan.org/pkg/type1cm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/type1cm>

- Carlisle, David. *The typehtml package. Typeset HTML directly from L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/typehtml>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typehtml>
- *The typewriter package. Typeset with a randomly variable monospace font*. 2021-08-26. Version 1.1. LICENSE: lppl. The package uses the , together with a LuaTeX virtual font setup that introduces random variability in grey level and angle of each character. It was originally an .  
 URL: <https://ctan.org/pkg/typewriter>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/typewriter>
  - *The ucharcat package. Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX*. 2016-06-24. Version 0.03. LICENSE: lppl. The package implements the \Ucharcat command for LuaLaTeX. is a new primitive in XeTeX, an extension of the existing command, that allows the specification of the catcode as well as character code of the character token being constructed.  
 URL: <https://ctan.org/pkg/ucharcat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucharcat>
  - *The xii package. Christmas silliness (English)*. 2017-11-14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xii>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii>
  - *The xii-lat package. Christmas silliness (Latin)*. 2017-11-20. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xii-lat>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xii-lat>
  - *The xmltex package. Support for parsing XML documents*. 2018-04-05. Version 0.8. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xmltex>  
 MIRROR: <https://mirror.ctan.org/macros/xmltex/base>
- Carlisle, David and Karl Berry. *The miniltx package. An abstract of L<sup>A</sup>T<sub>E</sub>X facilities for use with Plain T<sub>E</sub>X*. 2022-09-29. LICENSE: lppl. Part of the collection which allows the use of L<sup>A</sup>T<sub>E</sub>X's graphics, colour, and picture mode commands in plain T<sub>E</sub>X based formats.  
 URL: <https://ctan.org/pkg/miniltx>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics/miniltx.tex>
- Carlisle, David, Peter Breitenlohner, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The etex-pkg package. E-TeX support package*. 2017-04-18. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/etex-pkg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etex-pkg>
- Carlisle, David, Jean-Pierre Drucbert, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The xr package. References to other L<sup>A</sup>T<sub>E</sub>X documents*. 2023-06-09. Version 5.06. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
- Carlisle, David and Robin Fairbairns. *The maths-symbols package. Summary of mathematical symbols available in L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18. Version 3.4. LICENSE: lppl1.2. A predecessor of the , covering mathematical symbols available in standard L<sup>A</sup>T<sub>E</sub>X (including the AMS symbols, if available at compile time).  
 URL: <https://ctan.org/pkg/maths-symbols>  
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characters into your document using a similar method to the commonly used Beta Code transliteration, but with much more freedom. It is designed especially for the XeTeX engine and it could also be used for fast and easy modification of monotonic greek texts to polytonic. The output text is natively encoded in Unicode, so it can be reused in any possible way. The package provides, in addition to inserting greek accents and breathings, many other symbols used in greek numbers and arithmetic or in the greek archaic period. It could be used with greektonoi mapping or independently.

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/deleq>
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 URL: <https://ctan.org/pkg/dropping>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatflt>
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 URL: <https://ctan.org/pkg/dtxgen>  
 MIRROR: <https://mirror.ctan.org/support/dtxgen>
  - *The isodoc package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting letters and invoices*. 2021-06-25. Version 1.14. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/isodoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodoc>
  - *The ltxfileinfo package. Print version information for a L<sup>A</sup>T<sub>E</sub>X file*. 2016-06-24. Version 2.04. LICENSE: gpl. displays version information for L<sup>A</sup>T<sub>E</sub>X files. If no path information is given, the file is searched using . As an extra, for developers, the script will (use the or options) check the validity of the statements in the files. The script uses code from Uwe Lück's .  
 URL: <https://ctan.org/pkg/ltxfileinfo>  
 MIRROR: <https://mirror.ctan.org/support/ltxfileinfo>
  - *The lug package. Create and edit T<sub>E</sub>X Local User Group web pages*. 2022-03-28. Version 3.00. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lug>  
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 URL: [https://ctan.org/pkg/match\\_parens](https://ctan.org/pkg/match_parens)  
 MIRROR: [https://mirror.ctan.org/support/match\\_parens](https://mirror.ctan.org/support/match_parens)
  - *The mk package. A T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X maker*. 2018-04-12. Version 3.07. LICENSE: gpl. mk is a Bash script that, in close collaboration with (short for View and Print PDF/PostScript), is helpful in the cyclic process of editing, compiling, viewing, and printing a L<sup>A</sup>T<sub>E</sub>X, X<sub>L</sub><sup>A</sup>T<sub>E</sub>X, or plain T<sub>E</sub>X document. Essentially, mk uses for compilation, for viewing and printing.  
 URL: <https://ctan.org/pkg/mk>  
 MIRROR: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)
  - *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.  
 URL: <https://ctan.org/pkg/mkipic>  
 MIRROR: <https://mirror.ctan.org/support/mkipic>
  - *The proofread package. Commands for inserting annotations*. 2021-08-26. Version 1.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/proofread>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proofread>
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 URL: <https://ctan.org/pkg/prv>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/prv>
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 URL: <https://ctan.org/pkg/texlog-extract>  
 MIRROR: [https://mirror.ctan.org/support/texlog\\_extract](https://mirror.ctan.org/support/texlog_extract)
  - *The vpp package. View and (selectively) Print PDF and PostScript*. 2018-04-04. Version 3.07. LICENSE: gpl. is a Bash script that displays a PDF or PostScript document (after conversion to PDF). The user can use the viewer to print the document or, alternatively, leave the viewer and use 's facilities to print selected pages to a one- or two-sided hardcopy or an A5-booklet: see the section /Page selection and other commands/ for the details. Instead of printing your selections, you can also save them into PDF files.  
 URL: <https://ctan.org/pkg/vpp>  
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URL: <https://ctan.org/pkg/pgf-soroban>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-soroban>
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URL: <https://ctan.org/pkg/pst-soroban>  
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MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/elegantnote>
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- 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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/export>
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 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>
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 URL: <https://ctan.org/pkg/tabbing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Tabbing>
  - *The translation-array-fr package. French translation of the documentation of array.* 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-array-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/array/fr>
  - *The translation-booktabs-fr package. French translation of the documentation of booktabs.* 2016-06-24. LICENSE: lppl. A french translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
  - *The translation-dcolumn-fr package. French translation of the documentation of dcolumn.* 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-dcolumn-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/dcolumn/fr>
  - *The translation-tabbing-fr package. French translation of the documentation of Tabbing.* 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/translation-tabbing-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/Tabbing/fr>
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 URL: <https://ctan.org/pkg/translation-natbib-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/natbib/fr>
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 URL: <https://ctan.org/pkg/booktabs-fr>  
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 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 is based on the environment.  
URL: <https://ctan.org/pkg/maze>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maze>
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URL: <https://ctan.org/pkg/randtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randtext>
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URL: <https://ctan.org/pkg/switcheml>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switcheml>
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MIRROR: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)
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URL: <https://ctan.org/pkg/datetime2-it-fulltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>
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URL: <https://ctan.org/pkg/bigtabular>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>
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URL: <https://ctan.org/pkg/dvibook>  
MIRROR: <https://mirror.ctan.org/dviware/dvibook>
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URL: <https://ctan.org/pkg/pbmtopk>  
MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
- *The PicTeXsum package*. A summary of PicTeX commands. 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from <http://www.picTeX.net>), the document is a useful aide-memoire for those who have read the manual.  
URL: <https://ctan.org/pkg/pictexsum>  
MIRROR: <https://mirror.ctan.org/info/pictex/summary>
- *The psmerge package*. Concatenate PostScript files. 2016-06-24. Version p17. LICENSE: other-free  
URL: <https://ctan.org/pkg/psmerge>
- *The psutils package*. PostScript utilities. 2021-08-26. Version p17. LICENSE: other-free  
URL: <https://ctan.org/pkg/psutils>
- *The vplutils package*. Manipulate (virtual) property lists. 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.  
URL: <https://ctan.org/pkg/vplutils>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
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URL: <https://ctan.org/pkg/crossrefenum>  
MIRROR: <https://mirror.ctan.org/macros/generic/crossrefenum>

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 URL: <https://ctan.org/pkg/fontmfizz>  
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 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 tocddata package, the name also appears in the List of Figures. Floats may be placed into a row environment, and are typeset to fit within the given number of columns, continuing to the next row if necessary. Nested sub-rows may be used to generate layouts such as two small figures placed vertically next to one larger figure. Subfloats are supported by two environments.  
 URL: <https://ctan.org/pkg/keyfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyfloat>
  - *The labelschanged package. Identify labels which cause endless “may have changed” warnings*. 2017-12-13. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/labelschanged>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>
  - *The lwarp package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML*. 2023-02-28. Version 0.911. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lwarp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>
  - *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection*. 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 tocddata 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>
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 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>
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 URL: <https://ctan.org/pkg/alertmessage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>
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 URL: <https://ctan.org/pkg/papercdcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>
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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
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URL: <https://ctan.org/pkg/dateiliste>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>
- *The exp-testopt package. Expandable \@testopt (and related) macros*. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides an expandable variant of the L<sup>A</sup>T<sub>E</sub>X kernel command `\testopt`, named `\exp@testopt`, and a more general `\exp@testopt`, both intended for package writers. Also we have a variant of which uses these macros to check for optional arguments.  
URL: <https://ctan.org/pkg/exp-testopt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>
  - *The extpfeil package. Extensible arrows in mathematics*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides some more extensible arrows (usable in the same way as from `amsmath`), and a simple command to create new ones.  
URL: <https://ctan.org/pkg/extpfeil>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extpfeil>
  - *The faktor package. Typeset quotient structures with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.1b. LICENSE: lppl  
URL: <https://ctan.org/pkg/faktor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/faktor>
  - *The gmdoc-enhance package. Some enhancements to the gmdoc package*. 2016-06-24. Version 0.2. LICENSE: lppl. This package provides some enhancements for the package: nicer formatting for multiple line inline comments, an ability to “comment out” some code, and a macro to input other files in “normal” L<sup>A</sup>T<sub>E</sub>X mode.  
URL: <https://ctan.org/pkg/gmdoc-enhance>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmdoc-enhance>
  - *The minipage-marginpar package. Minipages with marginal notes*. 2016-06-24. Version 0.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/minipage-marginpar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
  - *The noitcrul package. Improved underlines in mathematics*. 2020-03-09. Version 0.2. LICENSE: lppl. The package provides a (maths mode) variant which doesn’t impose italics correction at the end.  
URL: <https://ctan.org/pkg/noitcrul>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noitcrul>
  - *The pauldoc package. German L<sup>A</sup>T<sub>E</sub>X package documentation*. 2016-06-24. Version 0.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/pauldoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>
  - *The randbild package. Marginal pictures*. 2018-09-15. Version 0.2. LICENSE: lppl. Provides environments to draw small marginal plots (using the packages `randfig` and `randpic`), and (the same, only without the automatically drawn coordinate system).  
URL: <https://ctan.org/pkg/randbild>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randbild>
  - *The robustcommand package. Declare robust command, with \newcommand checks*. 2016-06-24. Version 0.1. LICENSE: lppl. The package merely provides a variation of `\newcommand`, which checks for the existence of a command before declaring it robust.  
URL: <https://ctan.org/pkg/robustcommand>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/robustcommand>
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URL: <https://ctan.org/pkg/alfaslabone>  
MIRROR: <https://mirror.ctan.org/fonts/alfaslabone>
- *The Archivo package. The Archivo font face with support for L<sup>A</sup>T<sub>E</sub>X 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>
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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>
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 URL: <https://ctan.org/pkg/hindmadurai>  
 MIRROR: <https://mirror.ctan.org/fonts/hindmadurai>
- *The inter package. The inter font face with support for L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and LuaLaTeX.* 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 LuaL<sup>A</sup>T<sub>E</sub>X support for the Inter Sans family of fonts (version 3.015), designed by Rasmus Andersson. Inter is a typeface specially designed for user interfaces with focus on high legibility of small-to-medium sized text on computer screens. The family features a tall x-height to aid in readability of mixed-case and lower-case text.  
 URL: <https://ctan.org/pkg/inter>  
 MIRROR: <https://mirror.ctan.org/fonts/inter>
- *The magra package. The Magra font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/magra>  
 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>
- *The Oswald package. The Oswald family of fonts with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX.* 2021-10-17. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/oswald>  
 MIRROR: <https://mirror.ctan.org/fonts/oswald>
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 URL: <https://ctan.org/pkg/play-font>  
 MIRROR: <https://mirror.ctan.org/fonts/play-font>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/parallel>
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 URL: <https://ctan.org/pkg/biocon>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biocon>
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 URL: <https://ctan.org/pkg/bold-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bold-extra>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/capt-of>
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 URL: <https://ctan.org/pkg/captdef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/captdef>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/checklab.tex>
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 URL: <https://ctan.org/pkg/fixfoot>  
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 URL: <https://ctan.org/pkg/secdot>  
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 URL: <https://ctan.org/pkg/topcapt>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/phfsvnwatermark>
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 URL: <https://ctan.org/pkg/ptsans>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/ptsans>
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 URL: <https://ctan.org/pkg/templates-fenn>  
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 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/firstline.tex>
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 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/dectab>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ordinalpt>
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 URL: <https://ctan.org/pkg/unamthesis>  
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 URL: <https://ctan.org/pkg/luakeys>  
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 URL: <https://ctan.org/pkg/texref>  
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 URL: <https://ctan.org/pkg/codedescribe>  
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 URL: <https://ctan.org/pkg/democodetools>  
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  - *The ufrgscca package. A bundle for undergraduate students final work/report (tcc) at UFRGS/EE*. 2023-05-29. Version 1.11. LICENSE: lppl1.3c,gpl. This bundled is aimed at producing undergraduate students' final work/report at UFRGS/EE (Engineering School at the Federal University of Rio Grande do Sul), closely following ABNT rules (Brazilian Association for Technical Norms). It is composed of a main class, , and a set of auxiliary packages, some of which can be used independently.  
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-blur>
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-slpe>
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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>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unisugar>
- Gilbey, Julian. *The ctie package. C version of tie (merging Web change files).* 2018-01-06. Version 1.1. LICENSE: gpl. This is a version of converted for use with .  
 URL: <https://ctan.org/pkg/ctie>  
 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/ctie](https://mirror.ctan.org/web/c_cpp/ctie)
- Gilbey, Julian, Sebastian Rahtz, and Grant Gustafson. *The labels package. Print sheets of sticky labels.* 2016-06-24. Version .13. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/labels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels>
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 URL: <https://ctan.org/pkg/ucthesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucthesi>
- Gildea, Stephen. *The geophysics package. Articles for the journal Geophysics.* 2021-12-29. LICENSE: nosell  
 URL: <https://ctan.org/pkg/geophysics>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/geophysics.sty>
- *The headerfooter package. Define the layouts of page headers and footers.* 2016-06-24. LICENSE: nosell  
 URL: <https://ctan.org/pkg/headerfooter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/headerfooter.sty>



- Gildea, Stephen. *The underlin-generic package. Multi-word underlining*. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/underlin-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/underlin.tex>
- Gilg, Jürgen. *The cookybooky package. A L<sup>A</sup>T<sub>E</sub>X based package to easily typeset some professional looking cooking recipes*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cookybooky>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cookybooky>
- Gilg, Jürgen, Manuel Luque, and Aubrey Jaffer. *The pst-marble package. A PSTricks package to draw marble-like patterns*. 2019-05-01. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pst-marble>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-marble>
- Gilg, Jürgen, Manuel Luque, Patrice Megrét, and Herbert Voß. *The pst-electricfield package. Draw electric field and equipotential lines with PSTricks*. 2016-06-24. Version 0.14. LICENSE: lppl. The package provides macros to plot electric field and equipotential lines using . There may be any number of charges which can be placed in a cartesian coordinate system by (x,y) values.  
 URL: <https://ctan.org/pkg/pst-electricfield>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-electricfield>
- Gilg, Jürgen, Manuel Luque, and Jean-Michel Sarlat. *The pst-moire package. A PSTricks package to draw moiré patterns*. 2021-09-03. Version 2.2. LICENSE: lppl1.3c. This is a package to draw moiré patterns.  
 URL: <https://ctan.org/pkg/pst-moire>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-moire>
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 URL: <https://ctan.org/pkg/pst-magneticfield>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-magneticfield>
- Gill, Richard and J C Loredó-Osti. *The prodint package. A font that provides the product integral symbol*. 2016-06-24. LICENSE: ofl  
 URL: <https://ctan.org/pkg/prodint>  
 MIRROR: <https://mirror.ctan.org/fonts/prodint>
- Ginsparg, Paul. *The harvmac package. Macros for scientific articles*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/harvmac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/harvmac>
- Giraud, Pierre-Amiel. *The skills package. Create proficiency tests*. 2020-10-28. Version 1.0.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/skills>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skills>
- Giromini, Raphaël. *The cahierprof package. Schedule and grade books for French teachers*. 2023-08-10. Version 0.92. LICENSE: lppl1.3c  
 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>
- Girou, Denis, Christophe Jorssen, Manuel Luque, and Herbert Voß. *The pst-labo package. Draw objects for Chemistry laboratories*. 2023-05-17. Version 2.06. LICENSE: lppl. Pst-labo is a related package for drawing basic and complex chemical objects. The documentation of the package is illuminated with plenty of illustrations together with their source code, making it an easy read.  
 URL: <https://ctan.org/pkg/pst-labo>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-labo>
- Girou, Denis and Peter Kleiweg. *The pst-light3d package. Three dimensional lighting effects (PSTricks)*. 2018-09-15. Version 0.12. LICENSE: lppl. A package for three dimensional lighting effects on characters and PSTricks graphics, like lines, curves, plots, ...  
 URL: <https://ctan.org/pkg/pst-light3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>
- Girou, Denis and Herbert Voß. *The pst-fill package. Fill or tile areas with PSTricks*. 2021-10-01. Version 1.02. LICENSE: lppl. Pst-fill is a -based package for filling and tiling areas or characters.

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MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
- Girou, Denis and Herbert Voß. *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-gantt>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
- *The pst-gr3d package. Three dimensional grids with PSTricks*. 2016-06-24. Version 1.34. LICENSE: lppl. This package provides a command that will draw a three dimensional grid, offering a number of options for its appearance.  
URL: <https://ctan.org/pkg/pst-gr3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
  - *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
URL: <https://ctan.org/pkg/pst-ob3d>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
  - *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-poly>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
- Gjelstad, Ellef. *The UML package. UML diagrams in L<sup>A</sup>T<sub>E</sub>X*. 2018-09-15. Version 0.11. LICENSE: lppl  
URL: <https://ctan.org/pkg/uml>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
- Glazkov, Dmitry A. *The shadbox package. Shade the background of any box*. 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/shadbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>
- *The tracking package. Adjust tracking of strings*. 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/tracking>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
- Gleason, Jonathan. *The eqnnumwarn package. Modifies the amsmath equation environments to warn for a displaced equation number*. 2018-01-07. Version 1.0. LICENSE: lppl1.3. Sometimes an equation is too long that an equation number will be typeset below the equation itself, but yet not long enough to yield an “overfull \hbox” warning. The package modifies the standard amsmath numbered equation environments to throw a warning whenever this occurs.  
URL: <https://ctan.org/pkg/eqnnumwarn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
- Glenn, Paulley. *The chicago package. A “Chicago” bibliography style*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/chicago>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
- *The chicagoo package. “Chicago” bibliography style with annotations*. 2016-06-24. LICENSE: other-free. This is a modification of the author’s style, to support an ‘annotation’ field in bibliographies.  
URL: <https://ctan.org/pkg/chicagoo>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoo.bst>
- Gliboff, Sander. *The biblatex-historian package. A BibL<sup>A</sup>T<sub>E</sub>X style*. 2016-06-24. Version 0.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/biblatex-historian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
- Glonti, Nana. *The glonti package. Virtual fonts for T2A-encoded fonts*. 2016-06-24. Version 1.0. LICENSE: noinfo. The package ‘makes’ a T2A-encoded font family from the and the fonts, by means of a set of virtual fonts.  
URL: <https://ctan.org/pkg/glonti>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>
- Glonti, Nana, Alexander Samarin, and Basil Malyshev. *The cmcyr package. Computer Modern fonts with cyrillic extensions*. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/cmcyr>  
MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr>
- Glunz, Dr. Wolfgang. *The pstoeedit package. Translate PostScript and PDF to other formats*. 2017-04-18. Version 3.50. LICENSE: gpl  
URL: <https://ctan.org/pkg/pstoeedit>  
MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text*. 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.

- URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- Goatley, Hunter. *The newsltr package. Macros for making newsletters with Plain T<sub>E</sub>X*. 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newsltr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newsltr>
- *The quote package. Match pairs of double-quote characters*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/quote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/quote.sty>
- Göbel, Jürgen. *The savesym package. Redefine symbols where names conflict*. 2016-06-24. Version 1.2. LICENSE: lppl. There are a number of symbols (e.g., ) that are defined by several packages. In order to typeset all the variants in a document, we have to give the glyph a unique name. To do that, we define , which renames a symbol from to , and , which renames back to and defines a new command, , which corresponds to the most recently loaded version of .  
 URL: <https://ctan.org/pkg/savesym>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savesym/savesym.sty>
- Gobry, Frédéric. *The pybliographer package. A tool for managing bibliographic databases*. 2017-04-18. Version 0.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/pybliographer>
- Godby, Kevin. *The tufte-latex package. Document classes inspired by the work of Edward Tufte*. 2018-04-05. Version 3.5.2. LICENSE: apache2  
 URL: <https://ctan.org/pkg/tufte-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tufte-latex>
- Goel, Anil. *The figsinltx package. A tutorial on figures in L<sup>A</sup>T<sub>E</sub>X 2.09*. 2018-01-06. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/figsinltx>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/figsinltx.ps>
- *The ltablex package. Table package extensions*. 2017-09-28. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltablex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltablex>
- Goel, Deepak. *The autoview package. Maintain a Ghostscript view of emacs buffer*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/autoview>  
 MIRROR: <https://mirror.ctan.org/support/autoview>
- Goertz, Ralf. *The qbibman package. Graphical frontend to BibTool*. 2016-06-18. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/qbibman>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/qbibman>
- Goldasz, Janusz, Ryszard Kubiak, Tomasz Przechlewski, and Marcin Serwin. *The lshort-polish package. Introduction to L<sup>A</sup>T<sub>E</sub>X in Polish*. 2022-05-13. Version 6.4PL1. LICENSE: gpl2+. This is the Polish translation of .  
 URL: <https://ctan.org/pkg/lshort-polish>  
 MIRROR: <https://mirror.ctan.org/info/lshort/polish>
- Goldberg, Jacques. *The redis package. A Hebrew font*. 2016-06-24. LICENSE: noinfo. The font is in Metafont format; a version of it seems to appear in the distribution.  
 URL: <https://ctan.org/pkg/redis>  
 MIRROR: <https://mirror.ctan.org/fonts/redis>
- Goldberg, Jeffrey and Axel Sommerfeldt. *The endfloat package. Move floats to the end, leaving markers where they belong*. 2020-11-25. Version 2.7. LICENSE: gpl. Place all floats on pages by themselves at the end of the document, optionally leaving markers like “[Figure 3 about here]” in the text near to where the figure (or table) would normally have occurred. Float types 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: lpl
- 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: lpl1.3
- 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: lpl1.3  
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: lpl
- URL: <https://ctan.org/pkg/interactiveanimation>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/interactiveanimation>
- Gonzato, Guido. *The latex4jed package. A much enhanced L<sup>A</sup>T<sub>E</sub>X mode for the Jed editor*. 2016-06-24. LICENSE: gpl. This S-Lang file for the editor provides a much enhanced L<sup>A</sup>T<sub>E</sub>X mode in the fashion of AUC T<sub>E</sub>X: menus, shortcuts, templates, syntax highlighting, document outline, integrated debugging, symbol completion, full integration with external programs, and more. It was designed with both the beginner and the advanced L<sup>A</sup>T<sub>E</sub>X user in mind.
- URL: <https://ctan.org/pkg/latex4jed>  
MIRROR: <https://mirror.ctan.org/support/jed/latex4jed>
- *The LaTeX4Musicians package. A guide for combining L<sup>A</sup>T<sub>E</sub>X and music*. 2019-01-19. Version 1.0.1. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4musicians>  
MIRROR: <https://mirror.ctan.org/info/latex4musicians>
  - *The latex4wp package. A L<sup>A</sup>T<sub>E</sub>X guide specifically designed for word processor users*. 2016-06-24. Version 1.0.10. LICENSE: fdl  
URL: <https://ctan.org/pkg/latex4wp>  
MIRROR: <https://mirror.ctan.org/info/latex4wp>
  - *The latex4wp-it package. L<sup>A</sup>T<sub>E</sub>X guide for word processor users, in Italian*. 2016-06-24. Version 1.0.10. LICENSE: fdl. The package provides a version of the in Italian  
URL: <https://ctan.org/pkg/latex4wp-it>  
MIRROR: <https://mirror.ctan.org/info/latex4wp-it>
- Goodman, Donald P. *The basicarith package. Macros for typesetting basic arithmetic*. 2016-06-24. Version 1.1. LICENSE: lpl1.3
- 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: lpl1.3  
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: lpl1.3. 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: lpl1.3  
URL: <https://ctan.org/pkg/colophon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colophon>



- Goodman, Donald P. *The dozenal package. Typeset documents using base twelve numbering (also called “dozenal”)*. 2018-05-11. Version 7.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dozenal>  
 MIRROR: <https://mirror.ctan.org/fonts/dozenal>
- *The drm package. A complete family of fonts written in Metafont*. 2016-06-24. Version 4.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/drm>  
 MIRROR: <https://mirror.ctan.org/fonts/drm>
  - *The liturg package. Support for typesetting Catholic liturgical texts*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/liturg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/liturg>
  - *The lroundrect package. 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>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftidx>
  - *The makebox package. Defines a \makebox\* command*. 2019-03-12. Version 0.1. LICENSE: lppl. Define a command that does the same as a command, except that the width is given by a sample text instead of an explicit length measure.  
 URL: <https://ctan.org/pkg/makebox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebox>
  - *The nbaseprt package. Print numbers in non-decimal bases*. 2019-03-12. Version 0.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nbaseprt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
  - *The numprint package. Print numbers with separators and exponent if necessary*. 2019-03-12. Version 1.39. LICENSE: lppl  
 URL: <https://ctan.org/pkg/numprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numprint>
  - *The onlyamsmath package. Inhibit use of non-amsmath mathematics markup when using amsmath*. 2019-03-12. Version 0.20. LICENSE: lppl. This package inhibits the usage of plain T<sub>E</sub>X and (on demand) of standard L<sup>A</sup>T<sub>E</sub>X mathematics environments. This is useful for class writers who want to encourage their users to use the environments provided by the package.  
 URL: <https://ctan.org/pkg/onlyamsmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/onlyamsmath>
  - *The repeatindex package. Repeat items in an index after a page or column break*. 2019-03-12. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/repeatindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repeatindex>
  - *The slantsc package. Access different-shaped small-caps fonts*. 2019-03-12. Version 2.11. LICENSE: lppl. This package enables the use of small capitals in different font shapes, e.g., slanted or bold slanted for all fonts that provide appropriate font shapes. (Note that a separate file is needed to define font shapes such as ‘scsl’ or ‘scit’.)  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slantsc>



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 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: lppl1  
 URL: <https://ctan.org/pkg/substr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/substr>
  - *The ttf-howto package. Using TrueType fonts with T<sub>E</sub>X systems*. 2019-03-12. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ttf-howto>  
 MIRROR: <https://mirror.ctan.org/info/TrueType>
  - *The typogrid package. Print a typographic grid*. 2019-03-12. Version 0.21. LICENSE: lppl  
 URL: <https://ctan.org/pkg/typogrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typogrid>
  - *The warning package. Global warnings at the end of the logfile*. 2023-03-18. Version 0.10. LICENSE: lppl1.3c  
 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: lppl  
 URL: <https://ctan.org/pkg/contour>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/contour>
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 URL: <https://ctan.org/pkg/babelbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/babelbib>
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 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>
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 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>
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 URL: <https://ctan.org/pkg/cmcyralt-fonts>  
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 URL: <https://ctan.org/pkg/cmcyralt-ltx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmcyralt>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspace>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/BibBuild>
- Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation.* 2016-06-24. LICENSE: pd. A document describing the parameterisation of least-squares curve fitting, and showing how (using ) to display error bars.  
URL: <https://ctan.org/pkg/maad>  
MIRROR: <https://mirror.ctan.org/info/maad>
- Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting.* 2016-06-24. LICENSE: other-free. Provides two new commands: and for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.  
URL: <https://ctan.org/pkg/nestquot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
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URL: <https://ctan.org/pkg/harnon-cv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harnon-cv>
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MIRROR: <https://mirror.ctan.org/fonts/arev>
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URL: <https://ctan.org/pkg/free-math-font-survey>  
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URL: <https://ctan.org/pkg/optexcount>  
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MIRROR: <https://mirror.ctan.org/obsolete/fonts/hwkatakana>
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URL: <https://ctan.org/pkg/abstbook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mandi>
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URL: <https://ctan.org/pkg/brief-t>  
MIRROR: <https://mirror.ctan.org/support/brief-t>
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URL: <https://ctan.org/pkg/obas>
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URL: <https://ctan.org/pkg/concrete-macros>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
- *The escapeTeX package. Make plain text safe for use in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/escapetext>  
MIRROR: <https://mirror.ctan.org/support/escapeTeX>
  - *The first-packages package. A short list of go-to L<sup>A</sup>T<sub>E</sub>X packages, aimed at a beginner*. 2021-01-02. LICENSE: cc0  
URL: <https://ctan.org/pkg/first-packages>
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URL: <https://ctan.org/pkg/shadethm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
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URL: <https://ctan.org/pkg/first-latex-doc>  
MIRROR: <https://mirror.ctan.org/info/first-latex-doc>
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MIRROR: <https://mirror.ctan.org/info/latex-doc-ptr>
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URL: <https://ctan.org/pkg/bracketkey>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bracketkey>
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URL: <https://ctan.org/pkg/lookbibtex>  
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 URL: <https://ctan.org/pkg/aramaic-serto>  
 MIRROR: <https://mirror.ctan.org/language/aramaic/serto>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
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 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>
- *The TeX-FPC package. A collection of change files for a T<sub>E</sub>X system based on Free Pascal*. 2021-04-08. Version 4th ed. LICENSE: bsd2. This is the followup to , which is based on the GNU Pascal Compiler. GPC is not installable any more, so I switched to FPC, not because it is the best but because it is the only pascal compiler nowadays.  
 URL: <https://ctan.org/pkg/tex-fpc>  
 MIRROR: <https://mirror.ctan.org/systems/unix/tex-fpc>
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 URL: <https://ctan.org/pkg/rtkinenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtkinenc>
  - *The tcldoc package. Doc/docstrip for tcl.* 2016-07-19. Version 2.40. LICENSE: lppl. The tcldoc package and class simplify the application of the / style of literate programming with Dr. John Ousterhout's Tool Command Language (Tcl, pronounced "tickle", a.k.a. The Cool Language). The tcldoc package is a bit like the doc package is for L<sup>A</sup>T<sub>E</sub>X, whereas the tcldoc class more parallels the ltxdoc class.  
 URL: <https://ctan.org/pkg/tcldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tcldoc>
  - *The xdoc package. Extending the L<sup>A</sup>T<sub>E</sub>X doc system.* 2016-06-24. Version prot2.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/xdoc>  
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 URL: <https://ctan.org/pkg/pkgloader>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>
  - *The underoverlap package. Position decorations over and under expressions.* 2021-03-01. Version 0.0.1-r1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/underoverlap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/underoverlap>
  - *The withargs package. In-place argument substitution.* 2021-03-01. Version 0.3.1. LICENSE: lppl1.3. The command provides a clean way to populate a template (containing , , etc.) using L<sup>A</sup>T<sub>E</sub>X argument substitution. It also allows you to carefully control argument expansion using a L<sup>A</sup>T<sub>E</sub>X3-style argument specification. Uses range from creating readable string templates (akin to C's function) to performing otherwise complex token-list manipulation.  
 URL: <https://ctan.org/pkg/withargs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/withargs>
- Helvensteijn, Michiel and Falk Hanisch. *The noindentafter package. Prevent paragraph indentation after environments or macros.* 2021-05-14. Version 1.00. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/noindentafter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/noindentafter>
- Henderson, Doug and Don Hosek. *The cmoutlines package. Outline versions of the Computer Modern fonts.* 2016-06-24. LICENSE: noinfo. Metafont code which uses the original definitions of the CM fonts to produce an outline set. L<sup>A</sup>T<sub>E</sub>X support is available from the package.  
 URL: <https://ctan.org/pkg/cmoutlines>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/cmoutlines>



- Henderson, Doug and Scott Pakin. *The dingbat package. Two dingbat symbol fonts*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dingbat>  
 MIRROR: <https://mirror.ctan.org/fonts/dingbat>
- Henderson, Troy L. *The MPStoEPS package. A convertor from MetaPost output to Encapsulated PostScript*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mpstoeps>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
- *The pointruler package. 12" Ruler containing Points and Inches*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pointruler>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
- Hendrickson, Anders O. F. *The getitems package. Gathering items from a list-like environment*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. This package provides a command to parse a list of data separated by tokens. This makes it easier to define custom environments which structure their data in the same way that or do.  
 URL: <https://ctan.org/pkg/getitems>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getitems>
- *The qrcode package. Generate QR codes in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.51. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcode>
  - *The spot package. Spotlight highlighting for Beamer*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/spot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/spot>
- Hendrickson, Anders O. F. and Matthieu Guerin-Kern. *The moodle package. Generating Moodle quizzes via L<sup>A</sup>T<sub>E</sub>X*. 2023-01-28. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/moodle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moodle>
- Henel, Yvon. *The annee-scolaire package. Automatically typeset the academic year (French way)*. 2020-07-29. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/annee-scolaire>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
- *The clefval package. Key/value support with a hash*. 2020-07-29. Version 0.1. LICENSE: lppl1.3c. This package provides only two macros viz. and to define then use pairs of key/value and gives a semblance of a hash. Syntax: to define the value associated to the key, does not produce text; to return the value linked to the key. Both arguments of are ‘moving’ as L<sup>A</sup>T<sub>E</sub>X defines the term and we have sometimes to protect them.  
 URL: <https://ctan.org/pkg/clefval>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clefval>
  - *The engpron package. Helps to type the pronunciation of English words*. 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engpron>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engpron>
  - *The engrec package. Enumerate with lower- or uppercase Greek letters*. 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/engrec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engrec>
  - *The expose-expl3-dunkerque-2019 package. Using expl3 to implement some numerical algorithms*. 2020-04-11. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/expose-expl3-dunkerque-2019>  
 MIRROR: <https://mirror.ctan.org/info/expose-expl3-dunkerque-2019>
  - *The modroman package. Write numbers in lower case roman numerals*. 2016-06-24. Version 1. LICENSE: lppl. This package provides only two macros viz. which writes the number given as argument in lower case roman numeral with a ‘j’ instead of a ‘i’ as the final letter of numbers greater than 1 and which writes the value of a counter in the same way. You use the first in the same way as the T<sub>E</sub>X primitive and the second as L<sup>A</sup>T<sub>E</sub>X command . The default option is ‘vpourv’ with which 5 is ‘translated’ as ‘v’ and option ‘upourv’ with which the same 5 is given as ‘u’.  
 URL: <https://ctan.org/pkg/modroman>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
  - *The nonumonpart package. Prevent page numbers on part pages*. 2016-06-24. Version 1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/nonumonpart>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>
  - *The paresse package. Define simple macros for greek letters*. 2021-05-16. Version 5.0.2. LICENSE: lppl1.3c. The package defines macros using to type greek letters so that the user may (for example) type to get the effect of . However, it takes care only of

- letters which have a macro name like or .  
 URL: <https://ctan.org/pkg/paresse>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paresse>
- Henel, Yvon. *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>
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 URL: <https://ctan.org/pkg/drac>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drac>
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 URL: <https://ctan.org/pkg/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 Miklavac. *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>
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 URL: <https://ctan.org/pkg/jphysiol>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/jphysiol>
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 URL: <https://ctan.org/pkg/bpolynomial>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bpolynomial>
- *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>
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 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>
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 URL: <https://ctan.org/pkg/textpath>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/textpath>
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 URL: <https://ctan.org/pkg/vc>  
 MIRROR: <https://mirror.ctan.org/support/vc>

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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*. 2023-06-17. Version 1.1. 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>

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 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 , by defining a macro in terms of expanded local variables, then ending the group with .  
 URL: <https://ctan.org/pkg/inlinedef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inlinedef>
- *The marginfix package. Patch \marginpar to avoid overfull margins*. 2020-05-07. Version 1.2. LICENSE: lppl. Authors using L<sup>A</sup>T<sub>E</sub>X to typeset books with significant margin material often run into the problem of long notes running off the bottom of the page. A typical workaround is to insert commands by hand, but this is a tedious process that is invalidated when pagination changes. Another workaround is 's function, but this can be unsatisfying for short textual notes, and standard marginpars cannot be mixed with sidebars. This package implements a solution to make marginpars “just work” by keeping a list of floating inserts and arranging them intelligently in the output routine.  
 URL: <https://ctan.org/pkg/marginfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginfix>
- Hilbig, André. *The bewerbung package. Typesetting job applications*. 2022-01-17. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bewerbung>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bewerbung>
- *The gitfile-info package. Get git metadata for a specific file*. 2019-08-21. Version 0.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gitfile-info>  
 MIRROR: <https://mirror.ctan.org/support/gitfile-info>
- Hilbrich, Torsten. *The bbm-macros package. L<sup>A</sup>T<sub>E</sub>X support for “blackboard-style” cm fonts*. 2016-06-24. LICENSE: lppl. Provides L<sup>A</sup>T<sub>E</sub>X support for . Declares a font family bbm so you can in principle write running text in blackboard bold, and lots of math alphabets for using the fonts within maths.  
 URL: <https://ctan.org/pkg/bbm-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bbm>
- 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>  
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 URL: <https://ctan.org/pkg/shlatex>  
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 URL: <https://ctan.org/pkg/guit-corso>  
 MIRROR: [https://mirror.ctan.org/info/italian/GuIT/corso\\_guit](https://mirror.ctan.org/info/italian/GuIT/corso_guit)
- Hinque, Christian. *The theatre package. A sophisticated package for typesetting stage plays*. 2017-09-22. Version 0.1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/theatre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/theatre>
- Hinrichs, Adrian C. *The cheatsheet package. A simple cheatsheet class*. 2017-08-20. Version 0.8. LICENSE: mit. The package provides a clean, multi-column design intended for cheat sheets. It imports the most useful packages and encloses the document in a environment.  
 URL: <https://ctan.org/pkg/cheatsheet>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cheatsheet>
- Hirschhorn, Philip S. *The amslatex-primer package. Getting up and running with AMS-LaTeX*. 2018-01-06. Version 2.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/amslatex-primer>  
 MIRROR: <https://mirror.ctan.org/info/amslatex/primer>
- *The exam package. Package for typesetting exam scripts*. 2023-07-10. Version 2.704. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/exam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exam>
- Hitomi, Shoma. *The hmtrump package. Describe card games*. 2019-08-06. Version 1.2a. LICENSE: cc-by-sa-4,other-free  
 URL: <https://ctan.org/pkg/hmtrump>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/hmtrump>
- Hlavacek, Jan. *The mathexam package. Package for typesetting exams*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathexam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathexam>
- Hòa, Thái Phú Khánh. *The free-math-font-survey-vn package. The survey of available free Mathematics fonts, translated to Vietnamese*. 2016-06-24. LICENSE: lppl. This is a translation to Vietnamese of Stephen Hartke's .  
 URL: <https://ctan.org/pkg/free-math-font-survey-vn>  
 MIRROR: [https://mirror.ctan.org/info/Free\\_Math\\_Font\\_Survey/vn](https://mirror.ctan.org/info/Free_Math_Font_Survey/vn)
- Hobby, John and Vladimir Lidovski. *The mpman-ru package. A Russian translation of the MetaPost manual*. 2016-06-24. Version 1.004. LICENSE: other-free. A translation of the user manual, as distributed with itself.  
 URL: <https://ctan.org/pkg/mpman-ru>  
 MIRROR: <https://mirror.ctan.org/info/metapost/doc/russian/mpman-ru>
- Hoekwater, Taco. *The calendarweek package. Calculate the week number of a date*. 2016-06-24. LICENSE: pd  
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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/calendarweek.tex>
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  - *The poetica package. Support for Adobe Poetica fonts in Type 1 format*. 2021-08-26. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/poetica>  
 MIRROR: <https://mirror.ctan.org/fonts/poetica>
  - *The vfst package. Virtual font installation support*. 2016-06-24. Version 0.8. LICENSE: gpl. A set of scripts and Perl files which aim to make the installation of families of PostScript fonts and creation of necessary virtual fonts and outline fonts ‘virtually’ automatic. The scripts use .  
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 URL: <https://ctan.org/pkg/lua-uca>  
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 URL: <https://ctan.org/pkg/luavlna>  
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 URL: <https://ctan.org/pkg/luaxml>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
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 URL: <https://ctan.org/pkg/dblfloatfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dblfloatfix>
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 URL: <https://ctan.org/pkg/mh>
- *The xfrac package. Split-level fractions in L<sup>A</sup>T<sub>E</sub>X2<sub>ε</sub>\**. 2023-02-02. LICENSE: lppl1.3c  
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 URL: <https://ctan.org/pkg/apeqnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/apeqnum.sty>
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- *The mflogo209 package*. Typeset the Metafont logo under L<sup>A</sup>T<sub>E</sub>X 2.09. 2016-06-24. LICENSE: noinfo. This package uses the L<sup>A</sup>T<sub>E</sub>X 2.09 font selection system; current L<sup>A</sup>T<sub>E</sub>X users need the package.  
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 URL: <https://ctan.org/pkg/varisize>  
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- Hosek, Don, Leo Broska, and Don Hosek. *The breakcites package. Ensure that multiple citations may break at line end*. 2016-06-24. LICENSE: other-free. Makes a very minor change to the operation of the command. Note that the change is necessary in unmodified L<sup>A</sup>T<sub>E</sub>X; however, there remain packages that restore the undesirable behaviour of the command as provided in L<sup>A</sup>T<sub>E</sub>X 2.09. (Note that neither nor make this mistake.)  
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 URL: <https://ctan.org/pkg/morefloats>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morefloats>
- Hosny, Khaled. *The amiri package. A classical Arabic typeface, Naskh style*. 2022-12-04. Version 1.000. LICENSE: ofl  
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- *The xits package. A Scientific Times-like font with support for mathematical typesetting*. 2020-07-02. Version 1.302. LICENSE: ofl  
 URL: <https://ctan.org/pkg/xits>  
 MIRROR: <https://mirror.ctan.org/fonts/xits>
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 URL: <https://ctan.org/pkg/extractpdfmark>  
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A DVI to plain text translator capable of generating ASCII, Latin-1, Latin-9 and UTF-8 (Unicode) output, and recognising T1 and other L<sup>A</sup>T<sub>E</sub>X encodings (as well as Knuth’s original encodings and those of AMS and other fonts). Catdvi aims to become a superior replacement for the utility; the present version outperforms dvi2tty in some areas and is inferior to it in other areas.  
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 URL: <https://ctan.org/pkg/roundbox>  
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 URL: <https://ctan.org/pkg/tram>  
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/flagstaff>
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/grenoble>
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URL: <https://ctan.org/pkg/softmaker-iceberg>  
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MIRROR: <https://mirror.ctan.org/fonts/softmakerfreefont/jugendstil>
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MIRROR: <https://mirror.ctan.org/support/graphbase>
  - *The gray package. Fonts for gray-scales*. 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/gray>  
MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/gray>



- *The jablantile package. Metafont version of tiles in the style of Slavik Jablan.* 2016-06-24. LICENSE: pd. This is a small Metafont font to implement the modular tiles described by Slavik Jablan. For an outline of the theoretical structure of the tiles, see (for example) .  
URL: <https://ctan.org/pkg/jablantile>  
MIRROR: <https://mirror.ctan.org/fonts/jablantile>
- *The knuth-base package. The current state of Knuth’s contributions.* 2016-06-24. LICENSE: knuth. This directory tree holds copies of material on Knuth’s mirror site. The material is divided into two main parts: – the , and – .  
URL: <https://ctan.org/pkg/knuth-base>  
MIRROR: <https://mirror.ctan.org/systems/knuth>
- *The knuth-dist package. The current state of Knuth’s contributions.* 2021-02-10. LICENSE: knuth,pd  
URL: <https://ctan.org/pkg/knuth-dist>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist>
- Knuth, Donald E. *The knuth-errata package. Knuth’s published errata.* 2021-04-03. LICENSE: knuth  
URL: <https://ctan.org/pkg/knuth-errata>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/errata>
- *The knuth-letter package. Knuth’s example letter macros.* 2021-03-09. LICENSE: knuth. These are Knuth’s own letter macros. Documentation is entirely missing from the archive, but the macros are discussed in some detail in the  $\TeX$ book (which says it is describing ).  
URL: <https://ctan.org/pkg/knuth-letter>  
MIRROR: <https://mirror.ctan.org/systems/knuth/local/lib/letterformat.tex>
- *The knuth-lib package. Core  $\TeX$  and Metafont sources from Knuth.* 2021-02-27. LICENSE: knuth  
URL: <https://ctan.org/pkg/knuth-lib>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/lib>
- *The knuth-local package. Knuth’s local information.* 2021-03-09. LICENSE: pd. A collection of experimental programs and developments based on, or complementary to, the matter in his .  
URL: <https://ctan.org/pkg/knuth-local>  
MIRROR: <https://mirror.ctan.org/systems/knuth/local>
- *The list package. List ASCII text files.* 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/list>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/list.tex>
- *The llist package. List ASCII text files in landscape.* 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/llist>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/llist.tex>
- *The Metafont package. A system for specifying fonts.* 2022-02-01. Version 2.71828182. LICENSE: knuth  
URL: <https://ctan.org/pkg/metafont>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf>
- *The mfbook package. The source of The Metafontbook.* 2021-02-09. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/mfbook>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mf/mfbook.tex>
- *The picmac package. A picture mode in Plain  $\TeX$ .* 2016-11-06. LICENSE: knuth  
URL: <https://ctan.org/pkg/picmac>  
MIRROR: <https://mirror.ctan.org/systems/knuth/local/lib/picmac.tex>
- *The plain package. The Plain  $\TeX$  format.* 2016-11-06. Version 3.141592653. LICENSE: knuth  
URL: <https://ctan.org/pkg/plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/base>
- *The ransom package. A “very bad typewriter” font.* 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/ransom>  
MIRROR: <https://mirror.ctan.org/fonts/ransom>
- *The selectpage package. Select pages to be output from a document.* 2020-04-11. LICENSE: knuth  
URL: <https://ctan.org/pkg/selectpage>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/selectpage.tex>
- *The tangle package. Generate compilable source from web.* 2021-02-09. Version 4.6. LICENSE: knuth. This is the component of Knuth’s that produces a compilable source from the web representation of a program.  
URL: <https://ctan.org/pkg/tangle>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/web/tangle.web>

- *The testfont package. A testbed for font evaluation.* 2016-06-24. LICENSE: knuth. This file (part of the distribution) allows the user to select fonts and to perform a number of evaluation tests, from simple font tables through to elaborate pattern samples.  
URL: <https://ctan.org/pkg/testfont>  
MIRROR: <https://mirror.ctan.org/macros/plain/base/testfont.tex>
- *The TeX package. A sophisticated typesetting engine.* 2022-02-01. Version 3.141592653. LICENSE: knuth  
URL: <https://ctan.org/pkg/tex>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex>
- *The texbook package. The source of The T<sub>E</sub>Xbook.* 2021-02-09. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/texbook>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/tex/texbook.tex>
- Knuth, Donald E. *The texware package. Utility programs for use with T<sub>E</sub>X.* 2021-08-26. LICENSE: pd  
URL: <https://ctan.org/pkg/texware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/texware>
- *The twocolumns package. Knuth's two-column output macros.* 2016-06-24. LICENSE: knuth  
URL: <https://ctan.org/pkg/twocolumns>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2columns.mac>
- *The vf-knuth package. Knuth on virtual fonts.* 2021-08-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/vf-knuth>  
MIRROR: <https://mirror.ctan.org/info/knuth/virtual-fonts>
- *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 T<sub>E</sub>X source from web.* 2021-02-09. Version 4.5. LICENSE: knuth. This is the component of Knuth's that produces T<sub>E</sub>X 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 T<sub>E</sub>X 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. L<sup>A</sup>T<sub>E</sub>X support is available using the package  
URL: <https://ctan.org/pkg/manual>  
MIRROR: <https://mirror.ctan.org/fonts/manual>
- *The mflgo-font package. Metafont logo font.* 2022-02-01. Version 1.002. LICENSE: knuth  
URL: <https://ctan.org/pkg/mflgo-font>  
MIRROR: <https://mirror.ctan.org/fonts/mflgo>
- Knuth, Donald E., Leslie Lamport, Pierre A. MacKay, Richard Schwartz, and Michael Melliard-Smith. *The latex-fonts package. A collection of fonts used in L<sup>A</sup>T<sub>E</sub>X distributions.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/latex-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/latex>
- Knuth, Donald E., Tom Rokicki, and David R. Fuchs. *The mfware package. Supporting tools for use with Metafont.* 2021-08-26. LICENSE: pd. A collection of programs (as web source) for processing the output of.  
URL: <https://ctan.org/pkg/mfware>  
MIRROR: <https://mirror.ctan.org/systems/knuth/dist/mfware>
- Knuth, Donald E., Andreas Scherer, and Silvio Levy. *The cweb package. A Web system in C.* 2022-06-06. Version 4.8. LICENSE: knuth  
URL: <https://ctan.org/pkg/cweb>  
MIRROR: [https://mirror.ctan.org/web/c\\_cpp/cweb](https://mirror.ctan.org/web/c_cpp/cweb)
- Knuutila, Timo. *The tpcmfnt package. Computer modern fonts in "true point sizes".* 2016-06-24. Version 1.1. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/tpcmfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tpcmfont>

- Koch, Dick. *The texshop package. TeX front end for use on MacOS X*. 2023-07-21. Version 5.15. LICENSE: gpl. TeXShop is a  $\TeX$  previewer for Mac OS X, written in Cocoa.  $\TeX$ Shop uses and in its default configuration, to conform with Mac OS X's predilection for PDF.  
URL: <https://ctan.org/pkg/texshop>  
MIRROR: <https://mirror.ctan.org/support/texshop>
- Kocic, Mikica. *The xcpdftips package. Natbib citations with PDF tooltips*. 2019-05-01. Version 1.1. LICENSE: gpl3+. This  $\LaTeX$  package uses and to surround citations with PDF tooltips.  
URL: <https://ctan.org/pkg/xcpdftips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcpdftips>
- Kockaert, Pascal. *The psfrag package. A psfrag eXtension*. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/psfrag>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psfrag>
- 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  $\LaTeX$  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  $\LaTeX$  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  $\LaTeX$  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  $\LaTeX$  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*. 2023-07-29. Version 1.0. LICENSE: lppl1.3c. In 1994, with  $\LaTeX$ 2<sub>ε</sub>, the old font commands `\font`, `\rm`, `\sf`, `\tt`, and `\scriptsize` became obsolete. This package defines them, and also the deprecated KOMA-Script command `\fontfamily`.  
URL: <https://ctan.org/pkg/defoldfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/defoldfonts>

- *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>
- Kohm, Markus. *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>
- *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 *scr1ttr2*’s address files. 2022-07-04. Version 1.1d. LICENSE: lppl1.3c. The package is a part of the suite. The package uses adr-files to generate circular letters. The package provides commands to read the adr-files and to use the data of the address entries, not only with class and not only for circular letters.  
URL: <https://ctan.org/pkg/scraddr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scrartcl package*. Koma-Script ‘article’ class. 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>
- Kohm, Markus. *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 extention 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 scr1file package*. Installation control for koma-script packages. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scr1file>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- *The scr1ttr2 package*. Koma-Script ‘letter’ class. 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 scrttime 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/scrttime>  
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- *The fontawesome5 package. Font Awesome 5 with L<sup>A</sup>T<sub>E</sub>X support.* 2022-05-02. Version 5.15.4. LICENSE: ofl,lppl1.3c. This package provides L<sup>A</sup>T<sub>E</sub>X support for the included “Font Awesome 5 Free” icon set. These icons were designed by and released under the SIL OFL 1.1 license. The commercial “Pro” version is also supported, if it is installed and X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X is used.  
 URL: <https://ctan.org/pkg/fontawesome5>  
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 URL: <https://ctan.org/pkg/luapstricks>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/luapstricks>
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 URL: <https://ctan.org/pkg/babel-albanian>  
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 URL: <https://ctan.org/pkg/babel-danish>  
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 URL: <https://ctan.org/pkg/babel-dutch>  
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 URL: <https://ctan.org/pkg/babel-english>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>
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 URL: <https://ctan.org/pkg/babel-portuges>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
- *The babel-scottish package. Babel support for Scottish Gaelic.* 2018-01-13. Version 1.0g. LICENSE: lppl1.3. The package provides the language definition file for support of Gaidhlig (Scottish Gaelic) in . Some shortcuts are defined, as well as translations of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-scottish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>
- *The babel-slovenian package. Babel support for typesetting Slovenian.* 2021-02-06. Version 1.2n. LICENSE: lppl1.3. The package provides the language definition file for support of Slovenian in . Several shortcuts are defined, as well as translations to Slovenian of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-slovenian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text.* 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .  
 URL: <https://ctan.org/pkg/babel-italian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak.* 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of LaTeX built-in-names. Shortcuts are also defined.  
 URL: <https://ctan.org/pkg/babel-slovak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
- López, Javier Bezos, Johannes L. Braams, and Sten Hellman. *The babel-swedish package. Babel support for typesetting Swedish.* 2021-02-06. Version 2.3e. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-swedish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian.* 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “LaTeX names” are provided.  
 URL: <https://ctan.org/pkg/babel-romanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin.* 2018-01-13. Version 1.0c. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-samin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, and Arthur Rosendahl. *The babel-hebrew package. Babel support for Hebrew.* 2019-10-31. Version 2.3h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-hebrew>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>

- López, Javier Bezos, Johannes L. Braams, and Luis Martí. *The babel-esperanto package. Babel support for Esperanto*. 2018-01-13. Version 1.4t. LICENSE: lppl1.3. The package provides the language definition file for support of Esperanto in . Some shortcuts are defined, as well as translations to Esperanto of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/esperanto>
- López, Javier Bezos, Johannes L. Braams, Elmar Schalück, Michael Janich, and Marcin Woliński. *The babel-polish package. Babel support for Polish*. 2022-03-12. Version 1.3. LICENSE: lppl1.3. The package provides the language definition file for support of Polish in . Some shortcuts are defined, as well as translations to Polish of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>
- López, Javier Bezos, Johannes L. Braams, and Uroš Stefanović. *The babel-serbian package. Babel/Polyglossia support for Serbian*. 2022-09-30. Version 2.2a. LICENSE: lppl1.3. The package provides support for Serbian documents written in Latin, in .  
URL: <https://ctan.org/pkg/babel-serbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/serbian>
- López, Javier Bezos, Johannes L. Braams, and Eduard Werner. *The babel-sorbian package. Babel support for Upper and Lower Sorbian*. 2021-11-06. Version 1.0j. LICENSE: lppl1.3. The package provides language definitions file for support of both Upper and Lower Sorbian, in . Some shortcuts are defined, as well as translations to the relevant language of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-sorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish*. 2020-04-20. Version 5.0. LICENSE: mit. This directory is a permanent place for the latest official release of the hyphenation patterns for the Spanish language, valid for , , and , with the tools used to generate them.  
URL: <https://ctan.org/pkg/hyphen-spanish>  
MIRROR: <https://mirror.ctan.org/language/spanish/hyphen-spanish>
- López, Javier Bezos and Thomas Ruedas. *The fonteinf package. An introduction to font usage in L<sup>A</sup>T<sub>E</sub>X (German)*. 2023-06-10. LICENSE: nosource. A German translation of a on how to use fonts in L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/fonteinf>  
MIRROR: <https://mirror.ctan.org/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 L<sup>A</sup>T<sub>E</sub>X in order to use that font. The file fully describes the package and illustrates its use.  
URL: <https://ctan.org/pkg/brushscr>  
MIRROR: <https://mirror.ctan.org/fonts/brushscr>

- *The bsheaders package. Double-ruled chapter heading style.* 2019-07-06. LICENSE: gpl. The style, inspired by those in a book by Bjarne Stroustrup, implements chapter headers in sans-serif and bounded by lines wide, both above and below the header itself.  
URL: <https://ctan.org/pkg/bsheaders>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bsheaders>
- Loreti, Maurizio. *The lucold package. Use old-style digits with Lucida fonts.* 2021-09-11. LICENSE: gpl. The package provides the means to switch the rendering of all the digits of a document from ‘lining’ to ‘old-style’ numbers, when using Lucida fonts. The switch affects all digits in text mode, or all digits in text and math mode. It works both for normal weight and boldface text and math; since the boldface old-style digits are in the Lucida Expert font set, you need it for the boldface digits. Includes a set of AWK programs used to automatically build , , and files from the existing Lucida PSNFSS distribution, and that may easily be changed for the generation of different virtual files for whatever font.  
URL: <https://ctan.org/pkg/lucold>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lucold>
- *The recipe package. A L<sup>A</sup>T<sub>E</sub>X class to typeset recipes.* 2019-07-06. Version 0.9. LICENSE: pd. The layout design is relatively straightforward (and traditional: see ‘sample output’ under ‘documentation’); the class uses the Bookman and the fonts.  
URL: <https://ctan.org/pkg/recipe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/recipe>
- *The RGB package. Tables of RGB colour parameters.* 2019-07-06. Version 1.2. LICENSE: other-free. The Linux (distributed as part of X11 distributions) is mechanically converted to a L<sup>A</sup>T<sub>E</sub>X file, which has been compiled to make the distribution. For details of the procedure, and sources, see the package’s home page.  
URL: <https://ctan.org/pkg/rgb>  
MIRROR: <https://mirror.ctan.org/info/colour/rgb>
- *The sfheaders package. Sans headers.* 2019-07-06. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sfheaders>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sfheaders>
- *The webomints package. Webomints font support.* 2021-09-11. Version 1.1c. LICENSE: other-nonfree. A set of files for using the Galapagos Design Group’s with (La)TeX. The original announcement of the font said “Created by George Ryan, Web-O-Mints contains a rich assortment of typographic decorations inspired by historical sources”. A copy of the type 1 font file is included with the distribution, as are test (demonstration) files.  
URL: <https://ctan.org/pkg/webomints>  
MIRROR: <https://mirror.ctan.org/fonts/webomints>
- Loreti, Maurizio and Ryan Kavanagh. *The lintex package. Tidy up after a T<sub>E</sub>X run.* 2016-06-24. Version 1.13. LICENSE: gpl  
URL: <https://ctan.org/pkg/lintex>  
MIRROR: <https://mirror.ctan.org/support/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker.* 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 L<sup>A</sup>T<sub>E</sub>X’s minipages.* 2016-06-24. Version 0.3.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/genmpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/genmpage>
- Lounsbury, Andrew. *The latex-for-undergraduates package. A tutorial aimed at introducing undergraduate students to L<sup>A</sup>T<sub>E</sub>X.* 2022-10-07. Version 1.0.2. LICENSE: pd  
URL: <https://ctan.org/pkg/latex-for-undergraduates>  
MIRROR: <https://mirror.ctan.org/info/latex-for-undergraduates>
- *The suppose package. Abbreviate the word “Suppose”.* 2021-05-20. Version 1.2.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/suppose>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suppose>
- Louthan, George. *The tucv package. Support for typesetting a CV or résumé.* 2016-06-24. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/tucv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tucv>
- Love, David. *The truecols package. Colour facilities for SliTeX.* 2016-06-24. Version 1.2. LICENSE: gpl  
URL: <https://ctan.org/pkg/truecols>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/truecols.doc>
- Lovell, Matthew. *The register package. Typeset programmable elements in digital hardware (registers).* 2020-03-22. Version 2.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/register>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/register>

- 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 L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/latexwide>  
 MIRROR: [https://mirror.ctan.org/systems/win32/LaTeX\\_WIDE](https://mirror.ctan.org/systems/win32/LaTeX_WIDE)
- *The russian-help package. L<sup>A</sup>T<sub>E</sub>X help in Russian*. 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/russian-help>  
 MIRROR: <https://mirror.ctan.org/info/win-help/latex/russian>
- Lück, Uwe. *The adhocfilelist package. ‘listfiles’ entries from the command line*. 2017-05-05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/adhocfilelist>  
 MIRROR: <https://mirror.ctan.org/support/adhocfilelist>
- *The bitelist package. Split list, in T<sub>E</sub>X’s mouth*. 2017-05-05. Version 0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bitelist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/bitelist>
- *The catcodes package. Generic handling of T<sub>E</sub>X category codes*. 2017-05-05. Version r0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catcodes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/catcodes>
- *The commado package. Expandable iteration on comma-separated and filename lists*. 2017-05-05. Version r0.11a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/commado>  
 MIRROR: <https://mirror.ctan.org/macros/generic/commado>
- *The dhua package. German abbreviations using thin space*. 2017-05-05. Version 0.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dhua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dhua>
- *The doc-pictex package. A summary list of PicTeX documentation*. 2017-05-05. LICENSE: other-free  
 URL: <https://ctan.org/pkg/doc-pictex>  
 MIRROR: <https://mirror.ctan.org/info/pictex/Doc-PiCTeX.txt>
- *The dowith package. Apply a command to a list of items*. 2017-05-05. Version r0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/dowith>  
 MIRROR: <https://mirror.ctan.org/macros/generic/dowith>
- *The edfnates package. Critical annotations to footnotes with ednotes*. 2018-01-06. Version 0.6b. LICENSE: lppl1.3. The package modifies the annotation commands and label-test mechanism of the package so that critical notes appear on the pages and in the order that one would expect.  
 URL: <https://ctan.org/pkg/edfnates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edfnates>
- *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 ffinddo package. Filtering files using T<sub>E</sub>X*. 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ffinddo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/ffinddo.sty>
- *The ffinddo-info package. German HTML beamer presentation on nicetext and morehype*. 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ffinddo-info>  
 MIRROR: <https://mirror.ctan.org/info/ffinddo-info>
- *The filedate package. Access and compare info and modification dates*. 2017-05-06. LICENSE: lppl. The package provides basic access to the date of a L<sup>A</sup>T<sub>E</sub>X source file according to its entry (the “info date”) as well as to its modification date according to if the latter is available.  
 URL: <https://ctan.org/pkg/filedate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filedate>
- *The fileinfo package. Enhanced display of L<sup>A</sup>T<sub>E</sub>X File Information*. 2018-01-06. Version 0.81a. LICENSE: lppl1.3. The bundle provides two packages, and . The package provides a means of reading file information without loading the body of the file. The package uses and controls what will report.



- URL: <https://ctan.org/pkg/fileinfo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
- Lück, Uwe. *The finstrut package. Adjust behaviour of the ends of footnotes*. 2017-05-06. Version 0.5. LICENSE: lppl1.3. The  $\LaTeX$  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  $\LaTeX$  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  $\LaTeX$ '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  $\LaTeX$  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  $\TeX$* . 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  $\LaTeX$* . 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>
  - *The niceverb package. Minimising markup for documenting  $\LaTeX$  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  $\Pi\TeX$* . 2021-06-10. Version 0.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/pictex-autoarea>  
MIRROR: <https://mirror.ctan.org/graphics/pictex-addons/autoarea>



- Lück, Uwe. *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.,  $\text{\TeX}$ -format-independent) packaged, combining functionality, fallback definitions for  $\text{\LaTeX}$  and functionality, and handling of arbitrary (multiple) “private letters” (analogous  $\text{\LaTeX}$  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  $\text{\LaTeX}$  floats*. 2017-05-06. Version 0.42. LICENSE: lppl1.3.  $\text{\LaTeX}$ ’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  $\text{\LaTeX}$  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 schwell package. Calligraphic font for typesetting handwriting in Schwell style*. 2016-07-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/schwell>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style*. 2016-07-29. LICENSE: pd  
URL: <https://ctan.org/pkg/sueterlin>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
  - *The va package. Handwriting fonts*. 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a  $\text{\LaTeX}$  .fd file, and full macro support for use with  $\text{\LaTeX}$  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>
- Luecking, Daniel H. *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 chosen font size.  
URL: <https://ctan.org/pkg/rorlink>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rorlink>
- Lukasczyk, 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>

— *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>

- Luque, Manuel and Herbert Voß. *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 tofloat 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, Míchal, Pavel Stríž, and Tobias Oetiker. *The lshort-czech package. Czech translation of the “Short Introduction to L<sup>A</sup>T<sub>E</sub>X2e”*. 2020-06-17. Version 4.27. LICENSE: gpl. This is the Czech translation of “”.  
 URL: <https://ctan.org/pkg/lshort-czech>  
 MIRROR: <https://mirror.ctan.org/info/lshort/czech>
- Madrigal, Celia Rubio. *The ddphonism package. Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.* 2019-09-01. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ddphonism>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ddphonism>
- 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>  
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 URL: <https://ctan.org/pkg/gcard>  
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 URL: <https://ctan.org/pkg/cmolddig>  
 MIRROR: <https://mirror.ctan.org/fonts/cmolddig>
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 MIRROR: <https://mirror.ctan.org/macros/generic/misc/compare.tex>
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/plain/contrib/fontch20>
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  - Moutinho, Rui. *The tikz-layers package. TikZ provides graphical layers on TikZ: "behind", "above" and "glass".* 2019-03-02. Version 0.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tikz-layers>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-layers>
  - Movahhedian, Hossein. *The texnegar package. Kashida justification in X<sub>E</sub>LaTeX and LuaLaTeX.* 2021-02-09. Version 0.1e. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/texnegar>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/texnegar>
  - *The xepersian-hm package. Fixes kashida feature in xepersian package.* 2020-09-04. Version 1.1a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xepersian-hm>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xepersian-hm>
  - Moy, Matthieu. *The drawstack package. Draw execution stacks.* 2016-06-24. LICENSE: lppl1.3. This simple L<sup>A</sup>T<sub>E</sub>X package provides support for drawing execution stack (typically to illustrate assembly language notions). The code is written on top of .  
URL: <https://ctan.org/pkg/drawstack>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/drawstack>
  - *The git-latexdiff package. Call latexdiff on two Git revisions of a file.* 2020-04-15. Version 1.6.0. LICENSE: bsd2. git-latexdiff is a tool to graphically visualize differences between different versions of a L<sup>A</sup>T<sub>E</sub>X file. Technically, it is a wrapper around git and .  
URL: <https://ctan.org/pkg/git-latexdiff>  
MIRROR: <https://mirror.ctan.org/support/git-latexdiff>
  - *The timing-diagrams package. Draw timing diagrams.* 2017-04-18. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/timing-diagrams>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/timing-diagrams>
  - Moy, Matthieu, David J. Musliner, and Matthew Lovell. *The latexexpand package. Expand \input and \include in a L<sup>A</sup>T<sub>E</sub>X document.* 2023-02-27. Version 1.7.2. LICENSE: bsd3. Latexpand is a Perl script that simply replaces and commands with the content of the

- input or included file. The script does not deal with commands.  
 URL: <https://ctan.org/pkg/latexexpand>  
 MIRROR: <https://mirror.ctan.org/support/latexexpand>
- Moye, Stephen. *The typespec package. Create font samplers*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/typespec>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/TypeSpec>
- Mrkus, Jiří. *The upca package. Print UPC-A barcodes*. 2016-06-24. LICENSE: lppl. The package defines a single macro , to print UPC-A barcodes.  
 URL: <https://ctan.org/pkg/upca>  
 MIRROR: <https://mirror.ctan.org/macros/generic/upca>
- Muecke, Michael. *The WinTeX XP package. A Win32 T<sub>E</sub>X Editor with the MS Office look and feel*. 2017-05-21. LICENSE: shareware  
 URL: <https://ctan.org/pkg/wintex2000>  
 MIRROR: <https://mirror.ctan.org/systems/win32/wintex2000>
- Muelas, Santiago. *The txp package. Draw text along a path*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/txp>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/txp>
- Muhamedagić, Dejan. *The shhyph1 package. Serbo-Croatian hyphenation (Latin alphabet)*. 2018-01-06. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/shhyph1>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/shhyph1.tex>
- Mui, Wing L. *The sides package. A L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays*. 2016-06-24. LICENSE: gpl. This is a L<sup>A</sup>T<sub>E</sub>X class for typesetting stage plays, based on the class written by Antti-Juhani Kaijanaho in 1998. It has been updated and several formatting changes have been made to it—most noticeably there are no longer orphans.  
 URL: <https://ctan.org/pkg/sides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sides>
- Mukkavilli, Lakshmankumar. *The telugu package. (La)TeX Support for writing the Telugu Language*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/telugu>  
 MIRROR: <https://mirror.ctan.org/language/telugu>
- Mulder, Art. *The shading package. L<sup>A</sup>T<sub>E</sub>X package for putting text on a shaded background*. 2016-06-24. Version 1.3. LICENSE: noinfo. Works by specifying the background with PostScript commands, suitable for use with  
 URL: <https://ctan.org/pkg/shading>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/shading>
- Müller, Ulrich. *The cryst package. Font for graphical symbols used in crystallography*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cryst>  
 MIRROR: <https://mirror.ctan.org/fonts/cryst>
- Müller, Walter. *The wmaainf package. BibTeX style for Abteilung für Angewandte Informatik*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/wmaainf>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/wmaainf.bst>
- Müller, Wilhelm. *The totpages package. Count pages in a document, and report last page number*. 2016-06-24. Version 2.00. LICENSE: lppl. The package counts the actual pages in the document (as opposed to reporting the number of the last page, as does ). The counter itself may be shipped out to the DVI file. The package uses the package for its task.  
 URL: <https://ctan.org/pkg/totpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/totpages>
- Mulligan, Brian W. *The physconst package. Macros for commonly used physical constants*. 2021-03-27. Version 1.1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/physconst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physconst>
- *The physunits package. Macros for commonly used physical units*. 2021-03-27. Version 1.2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/physunits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physunits>
- Münch, Hans-Martin. *The calxxxx-yyyy package. Print a calendar for a group of years*. 2023-01-01. Version 20.23a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/calxxxx-yyyy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calxxxx-yyyy>
- *The footnoterange package. References to ranges of footnotes*. 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>
- Münch, Hans-Martin. *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 Xe<sub>La</sub>TeX or Lua<sub>La</sub>TeX.  
 URL: <https://ctan.org/pkg/casiofont>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/casiofont>
- Munn, Alan. *The he-she package. Alternating pronouns to aid gender-neutral writing.* 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/he-she>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/he-she>
- *The invoice-class package. Produces a standard US invoice from a CSV file.* 2019-01-20. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/invoice-class>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/invoice-class>
  - *The 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.* 2023-07-28. Version 4.1f. 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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay-pkg>
- Munn, Alan and Tom Counsell. *The csv2latex package. Convert spreadsheet table cells into L<sup>A</sup>T<sub>E</sub>X source.* 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/csv2latex>  
 MIRROR: <https://mirror.ctan.org/support/csv2latex>
- Munson, Ethan V. *The 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>
  - *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>



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



- Musa, Ahmed. *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 newenvron package. Processing an environment's body.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/newenvron>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newenvron>
  - *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.  
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 MIRROR: <https://mirror.ctan.org/fonts/niceframe>
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 URL: <https://ctan.org/pkg/accsupp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/accsupp>
- *The aliascnt package. Alias counters.* 2018-09-08. Version 1.5. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/aliascnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
- *The alphalph package. Convert numbers to letters.* 2019-12-14. Version 2.6. LICENSE: lpl1.3. Provides commands and They are like but the expansion consists of lowercase and uppercase letters respectively (1 to a, 26 to z, 27 to aa, 52 to zz, 53 to ba, 702 to zz, 703 to aaa, etc.). Can be used as a replacement for L<sup>A</sup>T<sub>E</sub>X's and macros.  
 URL: <https://ctan.org/pkg/alphalph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alphalph>
- *The atbegshi package. Execute stuff at \shipout time.* 2019-12-07. Version 1.19. LICENSE: lpl1.3. This package is a modern reimplementaion of package , providing various commands to be executed before a command. It makes use of e-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>
- *The atenddvi package. Provides the \AtEndDvi command.* 2020-11-12. Version 1.5. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/atenddvi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atenddvi>

- *The attachfile2 package. Attach files into PDF.* 2019-11-27. Version 2.11. LICENSE: 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>
- Oberdiek, Heiko. *The atveryend package. Hooks at the very end of a document.* 2019-12-12. Version 1.11. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X packages provides two hooks for that are executed after the hook of : can be used for code that is to be executed right after the last before the “ file is closed. is used for code after closing and final reading of the “ file.  
URL: <https://ctan.org/pkg/atveryend>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atveryend>
- *The auxhook package. Hooks for auxiliary files.* 2019-12-22. Version 1.6. LICENSE: lppl1.3. This package auxhook provides hooks for adding stuff at the begin of files.  
URL: <https://ctan.org/pkg/auxhook>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auxhook>
- *The backref package. Make hyper-references back from bibliography to citation.* 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>
- *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  $\geq 1.30$ , in PDF mode, is supported.  
URL: <https://ctan.org/pkg/embedfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedfile>
- Oberdiek, Heiko. *The engord package. Converts numbers to English ordinal numbers.* 2018-01-06. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/engord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/engord.dtx>
- *The enparen package. Consistent nested brackets.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/enparen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>
- *The eolgrab package. Catch arguments delimited by end of line.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eolgrab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
- *The epstopdf-pkg package. Call epstopdf “on the fly”.* 2020-01-24. Version 2.11. LICENSE: lppl1.3. The package adds support for EPS files in the package when running under pdfTeX. If an EPS graphic is detected, the package spawns a process to convert the EPS to PDF, using the script . This of course requires that shell escape is enabled for the pdfTeX run.  
URL: <https://ctan.org/pkg/epstopdf-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epstopdf-pkg>
- *The etexcmds package. Avoid name clashes with e-TeX commands.* 2019-12-31. Version 1.7. LICENSE: lppl1.3. New primitive commands are introduced in e-TeX; sometimes the names collide with existing macros. This package solves the name clashes by adding a prefix to e-TeX’s commands. For example, eTeX’s is provided as .  
URL: <https://ctan.org/pkg/etexcmds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etexcmds>
- *The fibnum package. Generate Fibonacci numbers.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fibnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/fibnum.dtx>
- *The flags package. Setting and clearing of flags in bit fields.* 2016-06-24. Version 0.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/flags>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/flags.dtx>
- *The gettitlestring package. Clean up title references.* 2019-12-21. Version 1.6. LICENSE: lppl1.3. Cleans up the title string (removing commands) for packages (such as ) that typeset such strings.  
URL: <https://ctan.org/pkg/gettitlestring>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gettitlestring>
- *The grfext package. Manipulate the graphics package’s list of extensions.* 2019-12-06. Version 1.3. LICENSE: lppl1.3. This package provides macros for adding to, and reordering the list of graphics file extensions recognised by package .  
URL: <https://ctan.org/pkg/grfext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfext>
- *The grffile package. Extended file name support for graphics (legacy package).* 2019-11-11. Version 2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/grffile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grffile>
- *The hobsub package. Construct package bundles.* 2019-11-17. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/hobsub>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hobsub>
- *The hologo package. A collection of logos with bookmark support.* 2021-11-17. Version 1.15. LICENSE: lppl1.3c. The package defines a single command , whose argument is the usual case-confused ASCII version of the logo. The command is bookmark-enabled, so that every logo becomes available in bookmarks without further work.  
URL: <https://ctan.org/pkg/hologo>  
MIRROR: <https://mirror.ctan.org/macros/generic/hologo>
- *The holtxdoc package. Documentation macros for oberdiek bundle, etc.* 2019-11-15. Version 0.29. LICENSE: lppl1.3c. These are personal macros, which are not necessarily useful to other authors (they are provided as part of the source of others of the author’s packages). Macros that may be of use to other authors are available separately, in package .  
URL: <https://ctan.org/pkg/holtxdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/holtxdoc.dtx>

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



- URL: <https://ctan.org/pkg/kvsetkeys>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
- Oberdiek, Heiko. *The LaTeX-tds package. A structured copy of the L<sup>A</sup>T<sub>E</sub>X distribution*. 2021-03-14. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/latex-tds>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-tds>
- *The letltxmacro package. Let assignment for L<sup>A</sup>T<sub>E</sub>X macros*. 2019-12-06. Version 1.6. LICENSE: lppl1.3. TeX’s assignment does not work for L<sup>A</sup>T<sub>E</sub>X macros with optional arguments or for macros that are defined as robust macros by . This package defines that also takes care of the involved internal macros.  
URL: <https://ctan.org/pkg/letltxmacro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letltxmacro>
  - *The listingsutf8 package. Allow UTF-8 in listings input*. 2019-12-14. Version 1.5. LICENSE: lppl1.3. Package does not support files with multi-byte encodings such as UTF-8. In the case of , a simple workaround is possible if a one-byte encoding exists that the file can be converted to. The package requires the e-TeX extensions under pdfTeX (in either PDF or DVI output mode).  
URL: <https://ctan.org/pkg/listingsutf8>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listingsutf8>
  - *The ltxcmds package. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use*. 2020-09-24. Version 1.25. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ltxcmds>  
MIRROR: <https://mirror.ctan.org/macros/generic/ltxcmds>
  - *The luacolor package. Color support based on LuaTeX’s node attributes*. 2021-02-18. Version 1.17. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luacolor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/luacolor>
  - *The luatex-pkg package. Basic definitions for LuaTeX*. 2019-11-15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luatex-pkg>
  - *The magicnum package. Access T<sub>E</sub>X systems’ “magic numbers”*. 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/magicnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magicnum>
  - *The makerobust package. Making a macro robust (legacy package)*. 2019-11-17. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makerobust>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makerobust>
  - *The mkjobtexmf package. Generate a texmf tree for a particular job*. 2016-06-24. Version 0.8. LICENSE: artistic  
URL: <https://ctan.org/pkg/mkjobtexmf>  
MIRROR: <https://mirror.ctan.org/support/mkjobtexmf>
  - *The mleftright package. Variants of delimiters that act as maths open/close*. 2019-12-06. Version 1.2. LICENSE: lppl1.3. The package defines variants and of and , that make the delimiters act as and . These commands address spacing difficulties in subformulas.  
URL: <https://ctan.org/pkg/mleftright>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mleftright>
  - *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek*. 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>
  - *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>



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

- Oberdiek, Heiko. *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/oberdiek/selinput>
  - *The setouterhbox package. Set hbox in outer horizontal mode*. 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then  $\TeX$  performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.  
 URL: <https://ctan.org/pkg/setouterhbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>
  - *The settobox package. Assigning dimensions of a box to a length register*. 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:  
 URL: <https://ctan.org/pkg/settobox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>
  - *The soul package. Hyphenation for letterspacing, underlining, and more*. 2023-06-14. Version 3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/soul>  
 MIRROR: <https://mirror.ctan.org/macros/generic/soul>
  - *The stackrel package. Enhancement to the \stackrel command*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stackrel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stackrel.dtx>
  - *The stampinclude package. Inclusion based on .aux file date stamps*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/stampinclude>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/stampinclude.dtx>
  - *The stringenc package. Converting a string between different encodings*. 2019-12-02. Version 1.12. LICENSE: lppl1.3. This package provides for converting a string between different encodings. Both and are supported.  
 URL: <https://ctan.org/pkg/stringenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stringenc>
  - *The tabularht package. Tabular environments with height specified*. 2019-12-31. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tabularht>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularht.dtx>
  - *The tabularkv package. Tabular environments with key-value interface*. 2018-01-06. Version 1.2. LICENSE: lppl1.3. The tabularkv package creates an environment , whose arguments are specified in key-value form. The arguments chosen determine which other type of tabular is to be used (whether standard  $\LaTeX$  ones, or environments from the or the package).  
 URL: <https://ctan.org/pkg/tabularkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularkv.dtx>
  - *The telprint package. Format German phone numbers*. 2018-01-06. Version 1.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/telprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/telprint.dtx>
  - *The thepdfnumber package. Print PDF numbers with minimal digits*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/thepdfnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdfnumber.dtx>
  - *The thumbpdf package. Thumbnails for pdfTeX and dvips/ps2pdf*. 2018-09-08. Version 3.17. LICENSE: lppl1.3. A Perl script that provides support for thumbnails in and /ps2pdf. The script uses to generate the thumbnails which get represented in a  $\TeX$  readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain  $\TeX$  and  $\LaTeX$ .  
 URL: <https://ctan.org/pkg/thumbpdf>  
 MIRROR: <https://mirror.ctan.org/support/thumbpdf>
  - *The transparent package. Using a color stack for transparency with pdfTeX*. 2022-10-29. Version 1.5. LICENSE: lppl1.3c. and support several color stacks. This package shows how a separate color stack can be used for transparency, a property besides color that works across page breaks. If the PDF management is used it can also be used with other engines, but without support for page breaks.



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 URL: <https://ctan.org/pkg/qfig>  
 MIRROR: <https://mirror.ctan.org/support/qfig>
- Ogawa, Arthur. *The ltxgrid package. Control of the page grid*. 2023-06-02. Version 4.2f. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxgrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
- *The ltxutil package. L<sup>A</sup>T<sub>E</sub>X utility macros*. 2023-06-02. Version 4.2f. LICENSE: lppl1.3. A collection of L<sup>A</sup>T<sub>E</sub>X utilities; the package is distributed as part of the bundle.  
 URL: <https://ctan.org/pkg/ltxutil>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
  - *The psizzl package. A T<sub>E</sub>X format for physics papers*. 2016-06-24. Version 0.35. LICENSE: lppl  
 URL: <https://ctan.org/pkg/psizzl>  
 MIRROR: <https://mirror.ctan.org/macros/psizzl>
- Ogawa, Arthur, Mark Doyle, Phelype Oleinik, and Frank Mittelbach. *The revtex package. Styles for various Physics Journals*. 2023-05-31. Version 4.2f. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/revtex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
- *The revtex4-0 package. Styles for various Physics Journals (old version)*. 2020-10-02. Version 4.0a. LICENSE: lppl. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
 URL: <https://ctan.org/pkg/revtex4-0>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-0>
  - *The revtex4-1 package. Styles for various Physics Journals*. 2020-10-16. Version 4.1s. LICENSE: lppl1.3. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
 URL: <https://ctan.org/pkg/revtex4-1>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-1>
- Ohl, Thorsten. *The emp package. "Encapsulate" MetaPost figures in a document*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/emp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/emp>
- *The feynmf package. Macros and fonts for creating Feynman (and other) diagrams*. 2018-01-06. Version 1.08. LICENSE: gpl  
 URL: <https://ctan.org/pkg/feynmf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/feynmf>
  - *The mcite package. Multiple items in a single citation*. 2016-06-24. Version 1.6. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mcite>
- Ohlhaut, Marcus. *The niceframe package. Support for fancy frames*. 2017-10-29. Version 1.1c. LICENSE: lppl. The package defines means of drawing frames around boxes, using dingbat fonts. Some (Metafont) font sources are included; the fonts are available separately in .  
 URL: <https://ctan.org/pkg/niceframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/niceframe>
- Okumura, Haruhiko and Japanese T<sub>E</sub>X Development Community. *The jsclasses package. Classes tailored for use with Japanese*. 2023-02-23. LICENSE: bsd  
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 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/jsclasses>
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 URL: <https://ctan.org/pkg/beamertheme-phnompenh>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/phnompenh>
- Oleinik, Phelype. *The namedef package. TeX definitions with named parameters*. 2020-06-23. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/namedef>  
 MIRROR: <https://mirror.ctan.org/macros/generic/namedef>
- Oliveira, Nuno. *The reotex package. Draw Reo Channels and Circuits*. 2016-06-24. Version 1.1. LICENSE: lppl. The package defines macros and other utilities to design Reo Circuits. The package requires support.  
 URL: <https://ctan.org/pkg/reotex>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/reotex>

- Oliver, Marcel. *The uaclasses package. University of Arizona thesis and dissertation format*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/uaclasses>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uaclasses>
- Olko, Mariusz and Marcin Woliński. *The polski package. Typeset Polish documents with L<sup>A</sup>T<sub>E</sub>X and Polish fonts*. 2021-08-25. Version 1.3.6. LICENSE: l<sup>p</sup>l1.2  
 URL: <https://ctan.org/pkg/polski>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polski>
- Olšák, Petr. *The a2ac package. AFM to AFM plus Composites*. 2016-06-24. Version 2. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/a2ac>  
 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>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csplain.tar.gz>
  - *The C<sub>S</sub>TeX package. Support for Czech/Slovak languages*. 2022-08-19. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cstex>  
 MIRROR: <https://mirror.ctan.org/macros/cstex>
  - *The docbytex package. Creating documentation from source code*. 2017-04-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/docbytex>  
 MIRROR: <https://mirror.ctan.org/macros/generic/docbytex>
  - *The ean package. Macros for making EAN barcodes*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ean>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ean>
  - *The encTeX package. A T<sub>E</sub>X extension that translates input on its way into T<sub>E</sub>X*. 2018-01-06. LICENSE: gpl  
 URL: <https://ctan.org/pkg/encTeX>  
 MIRROR: <https://mirror.ctan.org/systems/encTeX>
  - *The ofs package. Macros for managing large font collections*. 2017-04-18. LICENSE: knuth. OFS (Olsak's Font System) is a set of Plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X macros for managing large font collections; it has been used by Czech/Slovak users for many years. Main features include:  
 URL: <https://ctan.org/pkg/ofs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ofs>
  - *The olsak-misc package. Collection of plain T<sub>E</sub>X macros written by Petr Olšák*. 2022-08-04. Version Aug. 2022. LICENSE: pd  
 URL: <https://ctan.org/pkg/olsak-misc>  
 MIRROR: <https://mirror.ctan.org/macros/generic/olsak-misc>
  - *The OpTeX package. LuaT<sub>E</sub>X 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  
 URL: <https://ctan.org/pkg/tex-nutshell>  
 MIRROR: <https://mirror.ctan.org/info/tex-nutshell>
- Olšák, Petr and Zdeněk Wagner. *The cspsfonts package. Czech/Slovakian PostScript font support*. 2017-04-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cspsfonts>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/cspsfonts.tar.gz>
- Olthof, Edgar. *The fcolumn package. Typesetting financial tables*. 2023-07-25. Version 1.4.2. LICENSE: l<sup>p</sup>l1.3. In financial reports, text and currency amounts are regularly put in one table, e.g., a year balance or a profit-and-loss overview. This package provides the settings for automatically typesetting such columns, including the sum line (preceded by a rule of the correct width) using the specifier “”.



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fcolumn>
- Omidali, Mehdi and Tobias Oetiker. *The lshort-persian package. Persian (Farsi) introduction to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 5.01. LICENSE: pd. A Persian (Farsi) translation of Oetiker's .  
URL: <https://ctan.org/pkg/lshort-persian>  
MIRROR: <https://mirror.ctan.org/info/lshort/persian>
- Oostrum, Pieter van. *The badge package. Print badge labels*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/badge>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/badge>
- *The bigdelim package. Big delimiters in tabular or array*. 2021-03-15. Version 2.8. LICENSE: lppl1.3. The commands and may be used to place multi-row delimiters inside a tabular or array, in cooperation with the package.  
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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhdr>
  - *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>
  - *The lkort package. A short introduction to L<sup>A</sup>T<sub>E</sub>X, in Dutch*. 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/lkort>
- Oostrum, Pieter van and Jerry Leichter. *The multirow package. Create tabular cells spanning multiple rows*. 2021-03-15. Version 2.8. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/multirow>  
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- Optical Society of America. *The osa package. Macros for Optical Society of America Journals, etc*. 2017-04-18. LICENSE: noinfo  
URL: <https://ctan.org/pkg/osa>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/osa>
- Órdenes, Jerick. *The xcolor-material package. Defines the 256 colors from Google Material Color Palette*. 2016-11-16. Version 0.1. LICENSE: lppl1.3. The package is built on top of the great package. It provides a useful definition of the beautiful Google Material Color Palette, available at , for its use in document writing with L<sup>A</sup>T<sub>E</sub>X and Friends.  
URL: <https://ctan.org/pkg/xcolor-material>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcolor-material>
- Oriet, Boris. *The chextrás package. A companion package for the Swiss typesetter*. 2016-06-24. Version 1.01. LICENSE: lppl1.3. The package simplifies the preparation of Swiss documents and letters by setting up linguistic and common packages. While it is a useful addition to the document class, it is not tied to it and may be used as a general purpose package.  
URL: <https://ctan.org/pkg/chextrás>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chextrás>
- *The chletter package. Class for typesetting letters to Swiss rules*. 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/chletter>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chletter>
- Orlandini, Mauro. *The shadow package. Shadow boxes*. 2018-04-18. LICENSE: lppl. Defines a command (analogous to ), and supporting mechanisms.  
URL: <https://ctan.org/pkg/shadow>  
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- Orlandini, Mauro and George Greenwade. *The daytime package. Print time of day*. 2020-04-11. LICENSE: noinfo. A jiffy to provide macros and to print times, in 12-hour am/pm form (with, and without leading zeros).  
URL: <https://ctan.org/pkg/daytime>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/daytime.sty>
- Orlandini, Mauro and Max Hailperin. *The multicolpar package. Put successive paragraphs in different columns*. 2016-06-24. LICENSE: noinfo

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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/multicolpar.sty>
- Orloff, Jean. *The psbox package. PostScript box macros, etc.* 2016-06-24. Version 1.34. LICENSE: noinfo  
URL: <https://ctan.org/pkg/psbox>  
MIRROR: <https://mirror.ctan.org/macros/generic/psbox>
- Ørsted, Sebastian. *The leftindex package. Left indices with better spacing.* 2020-08-31. Version 0.1beta. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/leftindex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftindex>
- *The SemanTeX package. Semantic, keyval-based mathematics.* 2023-01-23. Version 0.525. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/semantex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semantex>
  - *The SemTeX package. Deals with stripped SemanTeX documents.* 2020-10-04. Version 0.45. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/semtex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semtex>
  - *The stricttex package. Strictly balanced brackets and numbers in command names.* 2020-09-08. Version 0.2beta. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/stricttex>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/stricttex>
- Ortolo, Tanguy. *The songproj package. Generate Beamer slideshows with song lyrics.* 2023-03-29. Version 1.2.0. LICENSE: bsd3  
URL: <https://ctan.org/pkg/songproj>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/songproj>
- Osborne, Alexander. *The PuyoTikZ package. Quickly typeset board states of Puyo Puyo games.* 2021-01-03. Version 1.0.1. LICENSE: mit  
URL: <https://ctan.org/pkg/puyotikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/puyotikz>
- Osborne, Martin J. *The egameps package. L<sup>A</sup>T<sub>E</sub>X package for typesetting extensive games.* 2018-09-15. Version 1.1. LICENSE: lppl. The style is intended to have enough features to draw any extensive game with relative ease. The facilities of are used for graphics. (An older version of the package, which uses the L<sup>A</sup>T<sub>E</sub>X picture environment rather than PSTricks and consequently has many fewer features is available on the package home page.)  
URL: <https://ctan.org/pkg/egameps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/egameps>
- *The latex-bnf package. L<sup>A</sup>T<sub>E</sub>X macros for typing BNF specifications.* 2016-06-24. Version 1.1a. LICENSE: noinfo. The package defines an environment . The contents of the environment is a context-free grammar, and the environment will pretty-print it.  
URL: <https://ctan.org/pkg/latex-bnf>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tex-bnf>
  - *The rputover package. Place text over PSTricks objects without obscuring background colors.* 2017-07-02. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/rputover>  
MIRROR: <https://mirror.ctan.org/obsolete/graphics/pstricks/contrib/rputover>
  - *The sgame package. L<sup>A</sup>T<sub>E</sub>X style for typesetting strategic games.* 2017-04-18. Version 2.15. LICENSE: lppl  
URL: <https://ctan.org/pkg/sgame>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sgame>
  - *The Swimgraf package. Graphical/textual representations of swimming performances.* 2018-09-15. LICENSE: lppl  
URL: <https://ctan.org/pkg/swimgraf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swimgraf>
  - *The text2bib package. A PHP script to convert references to BibTeX.* 2016-06-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/text2bib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/text2bib>
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URL: <https://ctan.org/pkg/eulerpx>  
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/sort-by-letters>
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MIRROR: <https://mirror.ctan.org/support/texloganalyser>

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 URL: <https://ctan.org/pkg/otfinst>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>
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 URL: <https://ctan.org/pkg/cesenaexam>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>
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 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 tikzpackets package. Display network packets*. 2020-07-20. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/tikzpackets>  
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  - *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:  
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- Page, Stephen. *The doublespace package. Double space environment*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/doublespace>  
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 URL: <https://ctan.org/pkg/babel-croatian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
- Pakin, Scott. *The arlatex package. A L<sup>A</sup>T<sub>E</sub>X-based archiver*. 2022-10-04. Version 1.1. LICENSE: lppl1.3c. Arlatex is an archiving program like shar, tar, zip, etc. Its output is specifically designed for use with L<sup>A</sup>T<sub>E</sub>X. Arlatex takes the name of a master file and the ancillary files it uses (such as , , and files). From these files, arlatex creates a single file that will recreate all the ancillary files when it's run through L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/arlatex>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The attachfile package. Attach arbitrary files to a PDF document*. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/attachfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>
  - *The boxedminipage package. Framed minipages of a specified total width (text and frame combined)*. 2020-04-21. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/boxedminipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>

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 MIRROR: <https://mirror.ctan.org/support/bundledoc>
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 URL: <https://ctan.org/pkg/bytefield>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>
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 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>
  - *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>



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 URL: <https://ctan.org/pkg/listliketab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>
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 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  $\LaTeX$  command definitions*. 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple `-style` commands, in  $\LaTeX$ , is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
 URL: <https://ctan.org/pkg/newcommand>  
 MIRROR: <https://mirror.ctan.org/support/newcommand>
  - *The perltext package. Define  $\LaTeX$  macros in terms of Perl code*. 2019-09-23. Version 2.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/perltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perltext>
  - *The pkfix-helper package. Make PostScript files accessible to pkfix*. 2020-08-06. Version 1.6. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pkfix-helper>  
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  - *The purifyeps package. Make EPS work with both  $\LaTeX$ /dvips and pdf $\LaTeX$* . 2016-06-24. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/purifyeps>  
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 URL: <https://ctan.org/pkg/repltext>  
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  - *The savetrees package. Optimise the use of each page of a  $\LaTeX$  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  $\LaTeX$  to break lines at space characters.  
 URL: <https://ctan.org/pkg/spverbatim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spverbatim>
  - *The Comprehensive  $\LaTeX$  Symbol List package. Symbols accessible from  $\LaTeX$* . 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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>
  - *The visualFAQ package. A Visual  $\LaTeX$  FAQ*. 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a  $\LaTeX$  question? The Visual  $\LaTeX$  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  $\LaTeX$  FAQ will send your Web browser to the appropriate page in the .  
 URL: <https://ctan.org/pkg/visualfaq>  
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 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
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 URL: <https://ctan.org/pkg/mol2chemfig>  
 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
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- Palmieri, John H. *The bibweb package. Automatically retrieve bibliography from MathSciNet*. 2016-06-24. LICENSE: gpl  
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- *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).  
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 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
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 MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
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URL: <https://ctan.org/pkg/cascade>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cascade>
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URL: <https://ctan.org/pkg/nicematrix>  
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  - *The piton package. Typeset Python listings with LPEG*. 2023-08-01. Version 2.0. 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*. 2023-02-14. Version 2.8a. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/futhorc>  
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- 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>  
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URL: <https://ctan.org/pkg/bodegraph>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/bodegraph>
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URL: <https://ctan.org/pkg/grafcet>  
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  - *The schemabloc package. Draw block diagrams, using TikZ*. 2021-02-26. Version 1.5. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/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>
- *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 P<sub>I</sub>C<sub>T</sub>E<sub>X</sub>. 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*. 2023-07-01. Version 2.1.0. 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*. 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-plus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>
  - *The numerica-tables package. Create multi-column tables of mathematical functions*. 2021-12-15. Version 2.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-tables>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-tables>
- Parsons, Josh. *The begriff package. Typeset Begriffschrift*. 2016-06-24. Version 1.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/begriff>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begriff>
- 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>

- Pasquet, Stéphane. *The pas-tableur package. Create a spreadsheet layout.* 2023-04-16. Version 2.05. LICENSE: lpppl  
 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: lpppl1.3  
 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: lpppl1.3  
 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: lpppl1.3. 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: lpppl  
 URL: <https://ctan.org/pkg/phonetic>  
 MIRROR: <https://mirror.ctan.org/fonts/phonetic>

- Pease, Emma. *The tree-dvips package. Trees and other linguists' macros*. 2016-06-24. Version .91. LICENSE: lppl  
 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>
- Pecher, Charles. *The outlines package. Produce "outline" lists*. 2016-06-24. Version 1.1. LICENSE: lppl. Defines an outline environment, which allows outline-style indented lists with freely mixed levels up to four levels deep. It replaces the nested / pairs by different item tags to for each nesting level. This is very convenient in cases where nested lists are used a lot, such as for to-do lists or presentation slides.  
 URL: <https://ctan.org/pkg/outlines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/outlines>
- Pedersen, Bjørn. *The bpchem package. Typeset chemical names, formulae, etc*. 2017-08-23. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bpchem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bpchem>
- *The delimtxt package. Read and parse text tables*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/delimtxt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/delimtxt>
  - *The dnaseq package. Format DNA base sequences*. 2016-06-24. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dnaseq>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dnaseq>
  - *The gradback package. Gradient backgrounds for dvips output*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/gradback>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradback>
  - *The serial package. Generate serial letters*. 2016-06-24. LICENSE: lppl. The serial package provides a wrapper to the letter class for the generation of serial letters. It contains different interfaces to data base generated adress files. Additionally, a configuration file allows easy customization of the letterheads etc. Requires from and the following are recommended: , , .  
 URL: <https://ctan.org/pkg/serial>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/serial>
- Pedersen, Lucas Alexander V. *The ku-template package. Copenhagen University or faculty logo for front page*. 2017-11-28. Version 0.02. LICENSE: mit  
 URL: <https://ctan.org/pkg/ku-template>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ku-template>
- Peeters, Kasper. *The gchords package. Typeset guitar chords*. 2017-04-18. Version 1.20. LICENSE: gpl  
 URL: <https://ctan.org/pkg/gchords>  
 MIRROR: <https://mirror.ctan.org/graphics/gchords>
- Pégourié-Gonnard, Manuel. *The luacode package. Helper for executing lua code from within T<sub>E</sub>X*. 2016-06-24. Version 1.2a. LICENSE: lppl1.3. Executing Lua code from within T<sub>E</sub>X with can sometimes be tricky: there is no easy way to use the percent character, counting backslashes may be hard, and Lua comments don't work the way you expect. The package provides the command and the () environments to help with these problems.  
 URL: <https://ctan.org/pkg/luacode>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luacode>
- *The lualatex-doc package. A guide to use of L<sup>A</sup>T<sub>E</sub>X with LuaT<sub>E</sub>X*. 2016-06-24. LICENSE: fdl  
 URL: <https://ctan.org/pkg/lualatex-doc>  
 MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc>
  - *The pdf14 package. Restore PDF 1.4 to a T<sub>E</sub>X live 2010 format*. 2016-06-24. Version 0.1. LICENSE: lppl1.3. Starting with T<sub>E</sub>X Live 2010, the various formats, that directly generate PDF, default to generating PDF 1.5. This is generally a , but it can lead to compatibility issues with some older PDF viewers. This package changes the version of PDF generated with formats (based on pdfT<sub>E</sub>X or LuaT<sub>E</sub>X in PDF mode), back to 1.4 for documents that need to achieve maximal compatibility with old viewers.  
 URL: <https://ctan.org/pkg/pdf14>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdf14>
  - *The show2e package. Variants of \show for L<sup>A</sup>T<sub>E</sub>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>
- Pégourié-Gonnard, Manuel. *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>
- *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>
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 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: lpl. 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: lpl. 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: lpl  
 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  $\text{\LaTeX}$ . 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 `\leading`, whose argument is a that specifies the nominal distance between consecutive baselines of typeset text. The command replaces the rather more difficult  $\text{\LaTeX}$  command `\setlength`, where the leading is specified by reference to the font size.  
URL: <https://ctan.org/pkg/leading>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leading>
- *The minibox package*. A simple type of box for  $\text{\LaTeX}$ . 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>
- Robertson, Will. *The vwcol package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lppl1.3. The package provides a crude environment `\vwcol` for typesetting multicolumn paragraph text of various column widths on a single page.  
URL: <https://ctan.org/pkg/vwcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vwcol>

- *The XeTeXref package. Reference documentation of XeTeX.* 2023-02-20. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xetexref>  
 MIRROR: <https://mirror.ctan.org/info/xetexref>
- *The xltextra package. “Extras” for L<sup>A</sup>T<sub>E</sub>X users of XeTeX.* 2020-09-26. Version 0.7. LICENSE: lppl1.3c. This package was previously used to provide a number of features that were useful for typesetting documents with X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X. Many of those features have now been incorporated into the package and other packages, but the package persists for backwards compatibility. Nowadays, loading will: load the , , and packages; redefine so it works correctly; and define two extra commands: and .  
 URL: <https://ctan.org/pkg/xltextra>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xltextra>
- Robertson, Will and Kevin Godby. *The hardwrap package. Hard wrap text to a certain character length.* 2018-01-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hardwrap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hardwrap>
- Robertson, Will and Johannes Große. *The ifplatform package. Conditionals to test which platform is being used.* 2017-12-07. Version 0.4a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ifplatform>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
- Robertson, Will and Khaled Hosny. *The unicode-math package. Unicode mathematics support for XeTeX and LuaTeX.* 2023-07-12. Version 0.8q. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/unicode-math>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
- Robertson, Will and Zebb Prime. *The pstool package. Support for psfrag within pdfLaTeX.* 2018-01-20. Version 1.5e. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pstool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pstool>
- Robertson, Will, Élie Roux, and Khaled Hosny. *The EUenc package. Unicode font encoding definitions for XeTeX.* 2016-10-08. Version 0.1h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/euenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- Robertson, Will and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The fontspec package. Advanced font selection in X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X and LuaLaTeX.* 2022-05-18. Version 2.8a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fontspec>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/fontspec>
- Robertson, Will and Peter R. Wilson. *The abstract package. Control the typesetting of the abstract environment.* 2016-06-24. Version 1.2a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/abstract>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/abstract>
- *The anonchap package. Make chapters be typeset like sections.* 2016-06-24. Version 1.1a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/anonchap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/anonchap>
- *The appendix package. Extra control of appendices.* 2020-02-08. Version 1.2c. LICENSE: lppl1.3c. The appendix package provides various ways of formatting the titles of appendices. Also (sub)appendices environments are provided that can be used, for example, for per chapter/section appendices. The word ‘Appendix’ or similar can be prepended to the appendix number for article class documents. The word ‘Appendices’ or similar can be added to the table of contents before the appendices are listed. The word ‘Appendices’ or similar can be typeset as a -like heading (page) in the body. An environment is provided which can be used instead of the command.  
 URL: <https://ctan.org/pkg/appendix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/appendix>
- *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>
- Robertson, Will and Peter R. Wilson. *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/chngpage>
  - *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 combinet 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- $\text{\LaTeX}$  code. 2016-06-24. Version 1.2d. LICENSE: lppl. Extends the package to cater for documenting non- $\text{\LaTeX}$  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  $\text{\LaTeX}$  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>
  - *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>
- Robertson, Will and Peter R. Wilson. *The newfile package*. User level management of  $\text{\LaTeX}$  input and output. 2016-06-24. Version 1.0c. LICENSE: lppl. Commands are defined to manage the limited pool of input and output handles provided by  $\text{\TeX}$ . The so provided are mapped to various of the  $\text{\LaTeX}$  input and output mechanisms. Some facilities of the package are also mapped.



- URL: <https://ctan.org/pkg/newfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfile>
- *The nextpage package. Generalisations of the page advance commands.* 2016-07-17. Version 1.1a. LICENSE: lppl. Provides and variants that guarantee to end up on even/odd numbered pages; these 4 commands all have an optional argument whose content will be placed on any “empty” page generated.  
URL: <https://ctan.org/pkg/nextpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/nextpage.sty>
  - *The pagenote package. Notes at end of document.* 2022-06-09. Version 1.1a. LICENSE: lppl1.3. The pagenote package provides tagged notes on a separate page (also known as ‘end notes’). Unless the class is used, the package requires the package.  
URL: <https://ctan.org/pkg/pagenote>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagenote>
  - *The romannum package. Generate roman numerals instead of arabic digits.* 2016-06-24. Version 1.0b. LICENSE: lppl. The romannum package changes L<sup>A</sup>T<sub>E</sub>X generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.  
URL: <https://ctan.org/pkg/romannum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>
  - *The stdclsdv package. Provide sectioning information for package writers.* 2016-06-24. Version 1.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/stdclsdv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>
  - *The titling package. Control over the typesetting of the \maketitle command.* 2016-06-24. Version 2.1d. LICENSE: lppl. The titling package provides control over the typesetting of the command and commands, and makes the , and information permanently available. Multiple titles are allowed in a single document. New titling elements can be added and a titlepage title can be centered on a physical page.  
URL: <https://ctan.org/pkg/titling>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titling>
  - *The tocbibind package. Add bibliography/index/contents to Table of Contents.* 2016-06-24. Version 1.5k. LICENSE: lppl  
URL: <https://ctan.org/pkg/tocbibind>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocbibind>
  - *The tocloft package. Control table of contents, figures, etc.* 2020-01-10. Version 2.3j. LICENSE: lppl1.3c. Provides control over the typography of the Table of Contents, List of Figures and List of Tables, and the ability to create new ‘List of ...’. The ToC may be changed.  
URL: <https://ctan.org/pkg/tocloft>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocloft>
  - *The tocvsec2 package. Section numbering and table of contents control.* 2016-06-24. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tocvsec2>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocvsec2>
  - *The verse package. Aids for typesetting simple verse.* 2016-06-24. Version 2.4b. LICENSE: lppl  
URL: <https://ctan.org/pkg/verse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verse>
  - *The vertbars package. Mark vertical rules in margin of text.* 2018-12-16. Version 1.0c. LICENSE: lppl1.3c. This package is an extension to , replacing that package’s line numbers with bars to the left or right of the text.  
URL: <https://ctan.org/pkg/vertbars>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vertbars>
  - *The xtab package. Break tables across pages.* 2016-06-24. Version 2.3f. LICENSE: lppl. Xtab is an extended and somewhat improved version of ; its environment provides tables that break across pages.  
URL: <https://ctan.org/pkg/xtab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtab>
- Robertson, Will, Peter R. Wilson, and Harald Harders. *The printlen package. Print lengths using specified units.* 2019-03-12. Version 1.1a. LICENSE: lppl. prints the value of a L<sup>A</sup>T<sub>E</sub>X length in the units specified by (‘unit’ may be any T<sub>E</sub>X length unit except for scaled point, viz., any of: , , , , , or ). When the unit is , the printed length value will include any stretch or shrink; otherwise these are not printed. The ‘unit’ argument may also be , in which case length values will be printed in point units but without any stretch or shrink values.  
URL: <https://ctan.org/pkg/printlen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/printlen>

- Robson, Adrian P. *The backnaur package. Typeset Backus Naur Form definitions*. 2020-01-11. Version 3.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/backnaur>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/backnaur>
- *The flowchart package. Shapes for drawing flowcharts, using TikZ*. 2016-06-24. Version 3.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/flowchart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/flowchart>
  - *The makeshape package. Declare new PGF shapes*. 2016-06-24. Version 2.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/makeshape>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/makeshape>
- Rochester, Wayne A. *The warpcol package. Relative alignment of rows in numeric columns in tabulars*. 2016-06-24. Version 1.0c. LICENSE: lppl. Defines a tabular column type for formatting numerical columns in L<sup>A</sup>T<sub>E</sub>X. The column type enables numerical items to be right justified relative to each other, while centred beneath the column label. In addition, macros are provided to enable variations on this column type to be defined. Usage of the package is superficially similar to that of ; however, the alignment scheme is different, and the packages have different, though overlapping, applications.  
 URL: <https://ctan.org/pkg/warpcol>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/warpcol>
- Rochford, Peter A. *The navydocs package. Support for Technical Reports by US Navy Organizations*. 2016-07-13. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/navydocs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/navydocs>
- Roderick, David. *The binomexp package. Calculate Pascal's triangle*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/binomexp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/binomexp>
- Rødland, Einar Andreas. *The TeXcount package. Count words in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-10-28. Version 3.1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texcount>  
 MIRROR: <https://mirror.ctan.org/support/texcount>
- Rodrigues, Vinícius Barros. *The ecothesis package. L<sup>A</sup>T<sub>E</sub>X thesis template for the Universidade Federal de Viçosa (UFV), Brazil*. 2018-06-20. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ecothesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecothesis>
- Rodriguez, Dominique and Herbert Voß. *The pst-eucl package. Euclidian geometry with PSTricks*. 2023-04-19. Version 1.77. LICENSE: lppl. The package allows the drawing of Euclidean geometric figures using T<sub>E</sub>X macros for specifying mathematical constraints. It is thus possible to build point using common transformations or intersections. The use of coordinates is limited to points which controlled the figure.  
 URL: <https://ctan.org/pkg/pst-eucl>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eucl>
- Rodriguez, M. César. *The emerald package. Support for the free emerald city fontwerks fonts*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/emerald>  
 MIRROR: <https://mirror.ctan.org/fonts/emerald>
- Roegel, Denis B. *The aeguill package. Add several kinds of guillemets to the ae fonts*. 2016-06-24. LICENSE: lppl. The package enables the user to add guillemets from several source (Polish cmr, Cyrillic cmr, lasy and ec) to the fonts. This was useful when the ae fonts were used to produce PDF files, since the additional guillemets exist in fonts available in Adobe Type 1 format.  
 URL: <https://ctan.org/pkg/aeguill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeguill>
- *The garrigues package. MetaPost macros for the reproduction of Garrigues' Easter nomogram*. 2021-08-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/garrigues>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/garrigues>
  - *The genealogy package. A compilation genealogy font*. 2017-02-19. LICENSE: lppl  
 URL: <https://ctan.org/pkg/genealogy>  
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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/ncclatex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncclatex>
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L<sup>A</sup>T<sub>E</sub>X theorems are), which gives extra flexibility in using the environment. In addition, parameter definition is explicit and well-organised, and there is a QED-symbol-placing command.

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

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

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

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MIRROR: <https://mirror.ctan.org/web/web2w>

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

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LICENSE: gpl

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

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

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

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 URL: <https://ctan.org/pkg/theapa>  
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 URL: <https://ctan.org/pkg/txfonts>  
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 URL: <https://ctan.org/pkg/tikzcodeblocks>  
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 URL: <https://ctan.org/pkg/xpeek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xpeek>

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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzorbital>
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 URL: <https://ctan.org/pkg/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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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedall>
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 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>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esdiff>
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 URL: <https://ctan.org/pkg/esint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esint>
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 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  $\TeX$  comments in document that are structured according to its rules, and typesets them. Operation is (typically in a separate document).  
 URL: <https://ctan.org/pkg/metainfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
  - *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>
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 URL: <https://ctan.org/pkg/npp-for-context>  
 MIRROR: <https://mirror.ctan.org/support/npp-for-context>
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 URL: <https://ctan.org/pkg/ecgdraw>  
 MIRROR: <https://mirror.ctan.org/graphics/ecgdraw>
- 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: lppl1.3c. 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: lppl. 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: lppl  
 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: lppl1.3  
 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: lppl1.3. 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: lppl1.3  
 URL: <https://ctan.org/pkg/collectbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/collectbox>
- *The ctanupload package*. Support for users uploading to CTAN. 2016-06-24. Version 1.2c. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/ctanupload>  
 MIRROR: <https://mirror.ctan.org/support/ctanupload>
- *The currfile package*. Provide file name and path of input files. 2022-10-10. Version 0.8. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/currfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/currfile>
- *The easyfig package*. Simplifying the use of common figures. 2022-10-26. Version 1.2a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/easyfig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/easyfig>
- *The filehook package*. Hooks for input files. 2022-10-26. Version 0.8b. LICENSE: lppl1.3c. The package provides several file hooks ( , , ...) for files read by , and . General hooks for all such files (e.g. all d ones) and file specific hooks only used for named files are provided; two hooks are provided for the end of d files — one before, and one after the final .  
 URL: <https://ctan.org/pkg/filehook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filehook>
- *The filemod package*. Provide file modification times, and compare them. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides macros to read and compare the modification dates of files. The files may be files, images or other files (as long as they can be found by L<sup>A</sup>T<sub>E</sub>X). It uses the primitive of pdfL<sup>A</sup>T<sub>E</sub>X to find the file modification date as PDF date string, parses the string and returns the value to the user. The package will also work for output with recent versions of the L<sup>A</sup>T<sub>E</sub>X compiler which uses pdfL<sup>A</sup>T<sub>E</sub>X in mode. The functionality is provided by purely expandable macros or by faster but non-expandable ones.  
 URL: <https://ctan.org/pkg/filemod>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filemod>
- *The ginc1tex package*. Include T<sub>E</sub>X files as graphics (.tex support for \includegraphics). 2022-10-26. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ginc1tex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginc1tex>
- *The gobble package*. More gobble macros for PlainT<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gobble>  
 MIRROR: <https://mirror.ctan.org/macros/generic/gobble>
- Scharrer, Martin. *The ifoddpage package*. Determine if the current page is odd or even. 2022-10-26. Version 1.2. LICENSE: lppl1.3. The package provides an conditional to determine if the current page is odd or even. The macro must be used direct before to check the page number using a label. Two compiler runs are therefore required to achieve correct results. In addition, the conditional is provided which is also true in oneside mode where all pages use the odd page layout.  
 URL: <https://ctan.org/pkg/ifoddpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifoddpage>



- *The lstaddons package*. Add-on packages for listings: autogobble and line background. 2022-10-26. Version 0.1. LICENSE: lppl1.3. The bundle contains a small collection of add-on packages for the package. Current packages are:  
URL: <https://ctan.org/pkg/lstaddons>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstaddons>
  - *The macros2e package*. A list of internal L<sup>A</sup>T<sub>E</sub>X2e macros. 2022-10-26. Version 0.4a. LICENSE: lppl1.3c. This document lists the internal macros defined by the L<sup>A</sup>T<sub>E</sub>X2e base files which can also be useful to package authors. The macros are hyper-linked to their description in . For this to work both PDFs must be inside the same directory. This document is not yet complete in content and format and may miss some macros.  
URL: <https://ctan.org/pkg/macros2e>  
MIRROR: <https://mirror.ctan.org/info/macros2e>
  - *The multienv package*. Multiple environments using a “key=value” syntax. 2022-10-26. Version 1.0. LICENSE: lppl1.3. The package provides a environment which permits easy addition of multiple environments using a syntax. Macros to define environments using this syntax are also provided.  
URL: <https://ctan.org/pkg/multienv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multienv>
  - *The mwe package*. Packages and image files for MWEs. 2022-10-26. Version 0.5. LICENSE: lppl1.3. The bundle provides several files useful when creating a minimal working example (MWE). The package itself loads a small set of packages often used when creating MWEs. In addition, a range of images are provided, which will be installed in the tree, so that they may be used in any (La)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>
  - *The realboxes package*. Variants of common box-commands that read their content as real box and not as macro argument. 2022-10-26. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realboxes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/realboxes>
  - *The standalone package*. Compile T<sub>E</sub>X pictures stand-alone or as part of a document. 2022-10-11. Version 1.3b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/standalone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standalone>
  - *The storebox package*. Storing information for reuse. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storebox>
  - *The sty2dtx package*. Create a .dtx file from a .sty file. 2022-10-26. Version 2.4. LICENSE: gpl3  
URL: <https://ctan.org/pkg/sty2dtx>  
MIRROR: <https://mirror.ctan.org/support/sty2dtx>
  - *The svn-multi package*. Subversion keywords in multi-file L<sup>A</sup>T<sub>E</sub>X documents. 2022-10-26. Version 2.4d. LICENSE: lppl  
URL: <https://ctan.org/pkg/svn-multi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svn-multi>
  - *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>
- Scharrer, Martin. *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-trackschematic package*. A TikZ library for creating track diagrams in railways. 2022-06-02. Version 0.7.1. LICENSE: isc  
URL: <https://ctan.org/pkg/tikz-trackschematic>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-trackschematic>
- Schellenberger, Brian T. and Darrel Hankerson. *The pagefoots package*. Footnote numbering per page. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/pagefoots>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/pagefoots.sty>
- Schenk, Christian. *The miktex package*. A free T<sub>E</sub>X distribution for MS-Windows. 2022-08-04. Version 22.7. LICENSE: other-free  
URL: <https://ctan.org/pkg/miktex>  
MIRROR: <https://mirror.ctan.org/systems/win32/miktex>
- *The miktex-portable package*. A version of MikTeX to carry around. 2022-10-29. Version 22.10. LICENSE: other-free. The portable edition allows you to run MiKTeX from a portable storage device. Please note that there is no separate installer. Just download the standard installer and rename it to .  
URL: <https://ctan.org/pkg/miktex-portable>  
MIRROR: <https://mirror.ctan.org/systems/win32/miktex/setup/windows-x64/basic-miktex-22.10-x64.exe>
- Schenk, Stephan. *The chembst package*. A collection of BibTeX files for chemistry journals. 2016-06-24. Version 0.2.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/chembst>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chembst>
- *The chemcompounds package*. Simple consecutive numbering of chemical compounds. 2016-06-24. LICENSE: lppl. The chemcompounds package allows for a simple consecutive numbering of chemical compounds. Optionally, it is possible to supply a custom name for each compound. The package differs from the package by not generating an odd-looking list of compounds inside the text.  
URL: <https://ctan.org/pkg/chemcompounds>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemcompounds>
- Scherer, Andreas. *The amiweb2c package*. An Amiga port of web2C. 2020-10-29. Version 2.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/amiweb2c>  
MIRROR: <https://mirror.ctan.org/systems/amiga/amiweb2c>
- *The cwebbin package*. CWEB for ANSI-C/C++ compilers. 2022-01-26. LICENSE: knuth  
URL: <https://ctan.org/pkg/cwebbin>
- *The knuth-hint package*. HINT collection of typeset C/WEB sources in T<sub>E</sub>X Live. 2023-06-16. Version 2.1. LICENSE: pd,knuth  
URL: <https://ctan.org/pkg/knuth-hint>  
MIRROR: <https://mirror.ctan.org/info/knuth-hint>
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- *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>
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URL: <https://ctan.org/pkg/kalender-209>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/12many>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scalerel>
- *The stackengine package*. Highly customised stacking of objects, insets, baseline changes, etc. 2021-07-22. Version 4.11. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/stackengine>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stackengine>
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URL: <https://ctan.org/pkg/stringstrings>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stringstrings>
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URL: <https://ctan.org/pkg/tabstackengine>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabstackengine>
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URL: <https://ctan.org/pkg/titlecaps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlecaps>
- *The tokcycle package*. Build tools to process tokens from an input stream. 2021-08-25. Version 1.42. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tokcycle>  
MIRROR: <https://mirror.ctan.org/macros/generic/tokcycle>
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URL: <https://ctan.org/pkg/verbatimbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verbatimbox>
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URL: <https://ctan.org/pkg/typedref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typedref>
- Seindal, René. *The inlinebib package*. Citations in footnotes. 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/inlinebib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/inlinebib>
- Selberg, Ole Michael. *The arabic package*. Read a lower-case roman number. 2020-04-11. LICENSE: noinfo. Usage is: <count> = <roman number> (note, trailing space after <roman number> required).  
URL: <https://ctan.org/pkg/arabic>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/arabic.tex>
- *The balancedquotes package*. Code balanced quotes according to document language. 2020-04-11. LICENSE: noinfo. Provides simplified markup for balanced quotes: will appear as balanced double quotes around a text which embeds a text surrounded by balanced single quotes. The actual representation of the quotes is selectable, according to the language in use.  
URL: <https://ctan.org/pkg/balancedquotes>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/balancedquotes.sty>
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URL: <https://ctan.org/pkg/texlive-dummy-fedora>  
MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/Fedora>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/beamerappendixnote>
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 URL: <https://ctan.org/pkg/time-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/time.sty>
- Sendoukas, Hippocrates. *The dviwin package. MS-Windows DVI screen and printer driver*. 2016-06-24. Version 2.9. LICENSE: pd  
 URL: <https://ctan.org/pkg/dviwin>  
 MIRROR: <https://mirror.ctan.org/dviware/dviwin>
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 URL: <https://ctan.org/pkg/apxproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apxproof>
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 URL: <https://ctan.org/pkg/dvisirule>  
 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>  
 MIRROR: <https://mirror.ctan.org/dviware/dvibit>
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 URL: <https://ctan.org/pkg/compact-symbols>  
 MIRROR: <https://mirror.ctan.org/info/symbols/compact>
- Setzer, Nick. *The colorwav package. Colours by wavelength of visible light*. 2023-05-05. Version 1.0. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/colorwav>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorwav>
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 URL: <https://ctan.org/pkg/cool>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cool>
- *The coollist package. Manipulate CContent Oriented L<sup>A</sup>T<sub>E</sub>X Lists*. 2023-05-05. Version 1.4. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/coollist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coollist>
- *The coolstr package. String manipulation in L<sup>A</sup>T<sub>E</sub>X*. 2023-05-05. Version 2.2. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/coolstr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coolstr>
- *The dyntree package. Construct Dynkin tree diagrams*. 2023-05-05. Version 1.0. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/dyntree>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dyntree>
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 URL: <https://ctan.org/pkg/forloop>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forloop>
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 URL: <https://ctan.org/pkg/easylatex>  
 MIRROR: <https://mirror.ctan.org/support/easylatex>
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 URL: <https://ctan.org/pkg/biihead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/biihead.sty>
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 URL: <https://ctan.org/pkg/alpha-persian>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/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>
  - *The boondox package. Mathematical alphabets derived from the STIX fonts.* 2017-02-26. Version 1.02d. LICENSE: ofl,lppl. The package contains a number of PostScript fonts derived from the OpenType fonts that may be used in maths mode in regular and bold weights for calligraphic, fraktur and double-struck alphabets. Virtual fonts with metrics suitable for maths mode are provided, as are L<sup>A</sup>T<sub>E</sub>X support files.  
 URL: <https://ctan.org/pkg/boondox>  
 MIRROR: <https://mirror.ctan.org/fonts/boondox>
  - *The cochineal package. Cochineal fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-02-16. Version 1.077. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/cochineal>  
 MIRROR: <https://mirror.ctan.org/fonts/cochineal>
  - *The DSSerif package. A double-struck serif font for mathematical use.* 2021-10-30. Version 1.031. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/dsserif>  
 MIRROR: <https://mirror.ctan.org/fonts/dsserif>
  - *The dutchcal package. A reworking of ESSTIX13, adding a bold version.* 2019-05-21. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dutchcal>  
 MIRROR: <https://mirror.ctan.org/fonts/dutchcal>
  - *The erewhon package. Font package derived from Heuristica and Utopia.* 2022-05-16. Version 1.12. LICENSE: ofl,lppl1.3. Erewhon is based on the package, which is based in turn on . Erewhon adds a number of new features — small caps in all styles rather than just regular, added figure styles (proportional, inferior, numerator, denominator) and superior letters. The size is 6% smaller than Heuristica, matching that of UtopiaStd.  
 URL: <https://ctan.org/pkg/erewhon>  
 MIRROR: <https://mirror.ctan.org/fonts/erewhon>
  - *The esstix package. PostScript versions of the ESSTIX, with macro support.* 2016-06-24. Version 1.0. LICENSE: ofl  
 URL: <https://ctan.org/pkg/esstix>  
 MIRROR: <https://mirror.ctan.org/fonts/esstix>
  - *The ETbb package. An expansion of Edward Tufte's ET-Bembo family.* 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
 URL: <https://ctan.org/pkg/etbb>  
 MIRROR: <https://mirror.ctan.org/fonts/etbb>
  - *The fbb package. A free Bembo-like font.* 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/fbb>  
 MIRROR: <https://mirror.ctan.org/fonts/fbb>
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- URL: <https://ctan.org/pkg/garamondx>  
MIRROR: <https://mirror.ctan.org/fonts/garamondx>
- *The heuristic 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/heuristic>  
MIRROR: <https://mirror.ctan.org/fonts/heuristic>
  - *The libertine 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/libertineg>  
MIRROR: <https://mirror.ctan.org/fonts/libertineg>
  - *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, ofl and pfb, with L<sup>A</sup>T<sub>E</sub>X support files. 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/montserrat>  
MIRROR: <https://mirror.ctan.org/fonts/montserrat>
  - *The newpx package*. Alternative uses of the PX fonts, with improved metrics. 2022-01-30. Version 1.505. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/newpx>  
MIRROR: <https://mirror.ctan.org/fonts/newpx>
  - *The newtx package*. Alternative uses of the TX fonts, with improved metrics. 2023-07-31. Version 1.723. 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>
  - *The newtxtt package*. Enhancement of typewriter fonts from newtx. 2020-02-16. Version 1.056. LICENSE: gpl3,lppl  
URL: <https://ctan.org/pkg/newtxtt>  
MIRROR: <https://mirror.ctan.org/fonts/newtxtt>
  - *The nimbus15 package*. Support files for Nimbus 2015 Core fonts. 2021-04-07. Version 1.014. LICENSE: other-free,lppl1.3  
URL: <https://ctan.org/pkg/nimbus15>  
MIRROR: <https://mirror.ctan.org/fonts/nimbus15>
  - *The notomath package*. Math support for Noto fonts. 2021-03-25. Version 1.02. LICENSE: ofl,lppl1.3. Math support via for Google’s . (Regular and Bold weights only.)  
URL: <https://ctan.org/pkg/notomath>  
MIRROR: <https://mirror.ctan.org/fonts/notomath>
  - *The pst-bspline package*. Draw cubic Bspline curves and interpolations. 2016-06-24. Version 1.62. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-bspline>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
  - *The pst-layout package*. Page layout macros based on PSTricks packages. 2018-09-15. Version .95. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-layout>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
  - *The pstdoc package*. A tool for PSTricks documentation. 2018-09-15. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstdoc>  
MIRROR: <https://mirror.ctan.org/info/pstdoc>
- Sharpe, Michael. *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 .

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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 upright version of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.  
URL: <https://ctan.org/pkg/txuprcal>  
MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
  - *The urwchancal package. Use URW's clone of Zapf Chancery as a maths alphabet.* 2016-06-24. Version 1. LICENSE: lppl  
URL: <https://ctan.org/pkg/urwchancal>  
MIRROR: <https://mirror.ctan.org/fonts/urwchancal>
  - *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 zlmitt package. Use Latin Modern Typewriter fonts.* 2022-08-08. Version 1.032. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/zlmitt>  
MIRROR: <https://mirror.ctan.org/fonts/zlmitt>
- Sharpe, Michael and Zhuhan Jiang. *The arrayjob package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjob>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjob>
- *The arrayjobx package. Array data structures for (La)TeX.* 2016-06-24. Version 1.04. LICENSE: lppl  
URL: <https://ctan.org/pkg/arrayjobx>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjobx>
- Sharpsten, Christian. *The armymemo package. A document class for Army memorandums in accordance with AR 25-50.* 2019-01-28. Version 1.0.0. LICENSE: gpl2  
URL: <https://ctan.org/pkg/armymemo>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/armymemo>

- Shashkov, Sergey. *The russ package. L<sup>A</sup>T<sub>E</sub>X in Russian, without babel*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/russ>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/russ>
- Shawyer, Bruce. *The fullpict package. Full page pictures*. 2016-06-24. LICENSE: noinfo. The package provides picture-mode environments whose size is related to the size of the page. The fullpict environment takes arguments to specify the dimension of the picture in picture mode ‘unit lengths’; the value for is defined by the fact that the picture is to be 90% of . Similar environments halfpict (half the width of fullpict), and scalepict (a given percentage of the width of fullpict), are also defined.  
 URL: <https://ctan.org/pkg/fullpict>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fullpict>
- Shell, Michael. *The IEEEtran package. Document class for IEEE Transactions journals and conferences*. 2021-06-24. Version 1.8b. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/IEEEtran>
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URL: <https://ctan.org/pkg/pgfmolbio>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pgfmolbio>
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URL: <https://ctan.org/pkg/split>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/split.tex>
- Slater, Joseph. *The imac package. International Modal Analysis Conference format*. 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/imac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imac>
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URL: <https://ctan.org/pkg/addtex2eps>  
MIRROR: <https://mirror.ctan.org/graphics/AddTeX2Eps>
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URL: <https://ctan.org/pkg/byrne>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/byrne>
- *The fiziko package. A MetaPost library for physics textbook illustrations*. 2022-02-07. Version 0.2.0. LICENSE: gpl3+,cc-by-sa-4. This library was initially written to automate some elements of black and white illustrations for a physics textbook. It provides functions to draw things like lines of variable width, shaded spheres, and tubes of different kinds, which can be used to produce images of a variety of objects. The library also contains functions to draw some objects constructed from these primitives.  
URL: <https://ctan.org/pkg/fiziko>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/fiziko>
- Small Planet Software. *The softfonts package. Manage the "soft fonts" in a LaserWriter printer*. 2016-06-24. Version 1.5. LICENSE: pd  
URL: <https://ctan.org/pkg/softfonts>  
MIRROR: <https://mirror.ctan.org/fonts/softfonts>
- Smart, Julian. *The tex2rtf package. TeX translator, output formats include RTF*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/tex2rtf>  
MIRROR: <https://mirror.ctan.org/support/tex2rtf>
- Smith, Andrew. *The kalendarium package. Print dates according to the classical Latin calendar*. 2018-09-26. Version 1.0. LICENSE: lppl1.3c. is a L<sup>A</sup>T<sub>E</sub>X3 package that provides several macros with which to print dates in classical Latin given days on the Julian or Gregorian calendars, using the same syntax used by ancient Roman authors. The format of these dates may be customised either in the package options or on a per-command basis; these options also allow for the generation of date strings according to different eras of the Classical period.  
URL: <https://ctan.org/pkg/kalendarium>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kalendarium>
- Smith, Brian. *The transfig package. Transform xfig pictures into many other formats*. 2016-06-24. Version 3.2.4. LICENSE: bsd. Tanslates figures generated by to a large variety of formats.  
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MIRROR: <https://mirror.ctan.org/graphics/transfig>

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 URL: <https://ctan.org/pkg/xfig>  
 MIRROR: <https://mirror.ctan.org/graphics/xfig>
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 URL: <https://ctan.org/pkg/genindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/genindex>
- *The pageframe package*. Page frames, grids, etc., for L<sup>A</sup>T<sub>E</sub>X 2.09. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pageframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/pageframe>
- *The wrtfile package*. Write T<sub>E</sub>X files from a T<sub>E</sub>X document. 2016-06-24. LICENSE: other-free. Wrtfile is a means of creating self-extracting distributions in T<sub>E</sub>X files; it is similar in conception to the L<sup>A</sup>T<sub>E</sub>X mechanism, but is somewhat more efficient. Wrtfile is (of course) distributed using its own mechanisms.  
 URL: <https://ctan.org/pkg/wrtfile>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/wrtfile>
- Smith, J. Daniel. *The lettermac package*. Simple macros for writing letters (Plain T<sub>E</sub>X). 2016-06-24. LICENSE: noinfo  
 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>
- *The induni-om package*. Omega fonts for characters used in study of Sanskrit. 2020-06-07. LICENSE: gpl. The files are a comprehensive set of virtual fonts for the Latin glyphs used in the study of Sanskrit and similar languages. The virtual fonts are built for use with , and use the as base fonts.  
 URL: <https://ctan.org/pkg/induni-om>  
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 URL: <https://ctan.org/pkg/apa6e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apa6e>
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 MIRROR: <https://mirror.ctan.org/fonts/rsfs>
- Smith, Steven T. *The arrow package*. Eplain macros for commutative diagrams. 2018-01-06. Version 1.0. LICENSE: gpl. While this package is distributed as part of , it takes special precautions in support of its aim of working within L<sup>A</sup>T<sub>E</sub>X documents.  
 URL: <https://ctan.org/pkg/arrow>  
 MIRROR: <https://mirror.ctan.org/macros/eplain/tex/arrow.tex>
- Sneep, Maarten. *The xmpinc1 package*. Include eXtensible Metadata Platform data in pdfLaTeX. 2021-09-23. Version 2.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/xmpinc1>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xmpinc1>
- Sneep, Maarten and Heiko Oberdiek. *The doi package*. Create correct hyperlinks for DOI numbers. 2018-09-09. LICENSE: lppl. You can hyperlink DOI numbers to . However, some publishers have elected to use nasty characters in their DOI numbering scheme (‘<’, ‘>’, ‘\_’ and ‘;’ have all been spotted). This will either upset (La)TeX, or your PDF reader. This package contains a single user-level



- command , which takes a DOI number, and creates a correct hyperlink to the target of the DOI.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doi>
- Snick, Romeo Van. *The mattex package. Import Matlab values to L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.1. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/mattex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mattex>
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 URL: <https://ctan.org/pkg/robotarm>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/robotarm>
- Södergran, Salome. *The koma-moderncvclassic package. Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX*. 2016-06-24. Version 0.5. LICENSE: lppl1.3. This package provides an imitation of the class with the classic style (by Xavier Danaux), to be used in conjunction with the . Thus it is possible to configure pagelayout, headings etc. the way it is done in koma-classes. Moreover, it is possible to use BibLaTeX, while the original moderncv-class is incompatible with BibLaTeX.  
 URL: <https://ctan.org/pkg/koma-moderncvclassic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-moderncvclassic>
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 URL: <https://ctan.org/pkg/juramisc>  
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-perspective>
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 URL: <https://ctan.org/pkg/pst-pulley>  
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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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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kblocks>



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 URL: <https://ctan.org/pkg/caption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *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 1.1l. LICENSE: lppl1.3. The package offers the command `\newfloat`, which the user may use to define new floating environments which behave like the L<sup>A</sup>T<sub>E</sub>X standard floating environments and `\float`.  
 URL: <https://ctan.org/pkg/newfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newfloat>
  - *The rotfloat package. Rotate floats*. 2016-06-24. Version 1.2. LICENSE: lppl. The package provides commands to define new floats of various styles (plain, boxed, ruled, and userdefined ones); the package provides new environments (sidewaysfigure and sidewaysstable) which are rotated by 90 or 270 degrees. But what about new rotated floats, e.g. a rotated ruled one? This package makes this possible; it builds a bridge between the two packages and extends the commands from the float package to define rotated versions of the new floats, too.  
 URL: <https://ctan.org/pkg/rotfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
  - *The rplain package. Redefines the plain pagestyle*. 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
 URL: <https://ctan.org/pkg/rplain>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>
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 URL: <https://ctan.org/pkg/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>  
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 URL: <https://ctan.org/pkg/newapa>  
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 MIRROR: <https://mirror.ctan.org/indexing/lamstex-index>
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 URL: <https://ctan.org/pkg/xml2pmx>  
 MIRROR: <https://mirror.ctan.org/support/xml2pmx>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/clrstrip>
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  - *The duckuments package. Create duckified dummy content*. 2019-10-03. Version 0.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/duckuments>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/duckuments>
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 URL: <https://ctan.org/pkg/etl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/etl>
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 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
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 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
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 URL: <https://ctan.org/pkg/expkv-cs>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
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  - *The expkv-opt package. Parse class and package options with expkv*. 2023-01-28. LICENSE: lppl1.3c. As of January 2023, this package has been merged into the .  
 URL: <https://ctan.org/pkg/expkv-opt>  
 MIRROR: <https://mirror.ctan.org/macros/generic/expkv-bundle>
- Spratte, Jonathan P. *The grabbox package. Read an argument into a box and execute the code afterwards*. 2022-12-07. Version 1.4. LICENSE: lppl1.3c. The package provides the command , which grabs an argument into a box and executes the code afterwards.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grabbox>
- *The pgfmath-xfp package*. Define pgfmath functions using xfp. 2021-05-21. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pgfmath-xfp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfmath-xfp>
  - *The pxpic package*. Draw pixel pictures. 2023-02-12. Version 1.4. LICENSE: lppl1.3c. With you draw pictures pixel by pixel. It was inspired by a by Paulo Cereda, among other things (most notably a beautiful duck) showcasing the use of characters from the Mario video games by Nintendo in L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/pxpic>  
MIRROR: <https://mirror.ctan.org/graphics/pxpic>
  - *The xistercian package*. Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X. 2021-12-20. Version 1.2. LICENSE: lppl1.3c. allows you to use Cistercian numerals in L<sup>A</sup>T<sub>E</sub>X. The glyphs are created using PGF and to a certain degree configurable. You can use Cistercian numerals as page numbers using . The two main macros are:  
URL: <https://ctan.org/pkg/xistercian>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/xistercian>
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URL: <https://ctan.org/pkg/untex>  
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URL: <https://ctan.org/pkg/braids>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/braids>
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URL: <https://ctan.org/pkg/celtic>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/celtic>
  - *The hobby package*. An implementation of Hobby’s algorithm for PGF/TikZ. 2017-06-01. Version 1.8. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hobby>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/hobby>
  - *The penrose package*. A TikZ library for producing Penrose tilings. 2023-06-07. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/penrose>  
MIRROR: <https://mirror.ctan.org/obsolete/graphics/pgf/contrib/penrose>
  - *The pgfmorepages package*. Assemble multiple logical pages onto a physical page. 2020-04-16. Version 1.20. LICENSE: lppl1.3c. This package replaces and extends the pgfpages sub-package of the . It provides the capability to arrange multiple “logical” pages on multiple “physical” pages, for example as for arranging pages to make booklets.  
URL: <https://ctan.org/pkg/pgfmorepages>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgfmorepages>
  - *The rulercompass package*. A TikZ library for straight-edge and compass diagrams. 2016-06-24. Version 1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/rulercompass>  
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 URL: <https://ctan.org/pkg/tikzmark>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzmark>
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 URL: <https://ctan.org/pkg/tilings>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tilings>
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 URL: <https://ctan.org/pkg/tqft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tqft>
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 URL: <https://ctan.org/pkg/tikz-lake-fig>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-lake-fig>
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 MIRROR: <https://mirror.ctan.org/fonts/cherokee>
- *The cypriote package*. A font for ancient Cypriot Greek inscriptions. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cypriote>  
 MIRROR: <https://mirror.ctan.org/fonts/cypriote>
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 URL: <https://ctan.org/pkg/dancers>  
 MIRROR: <https://mirror.ctan.org/fonts/dancers>
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 URL: <https://ctan.org/pkg/georgian-stanier>  
 MIRROR: <https://mirror.ctan.org/fonts/georgian/stanier>
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 URL: <https://ctan.org/pkg/goblin>  
 MIRROR: <https://mirror.ctan.org/fonts/goblin>
- *The iching package*. A font for I Ching divinations. 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X file is provided to print out divinations, using the font (supplied as Metafont source). The macro in the L<sup>A</sup>T<sub>E</sub>X file is a simplified beast, in which significance is only accorded to one line in the hexagram.  
 URL: <https://ctan.org/pkg/iching>  
 MIRROR: <https://mirror.ctan.org/fonts/iching>
- *The osmanian package*. Osmanian font for writing Somali. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/osmanian>  
 MIRROR: <https://mirror.ctan.org/fonts/osmanian>
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 URL: <https://ctan.org/pkg/shavian>  
 MIRROR: <https://mirror.ctan.org/fonts/shavian>
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 MIRROR: <https://mirror.ctan.org/fonts/southarabian>
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 URL: <https://ctan.org/pkg/syriac>  
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 MIRROR: <https://mirror.ctan.org/fonts/ogham>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/oscola>
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 URL: <https://ctan.org/pkg/bibletext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibletext>
- *The LaTeXgit package. A L<sup>A</sup>T<sub>E</sub>X git wrapper*. 2020-04-20. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/latexgit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latexgit>
  - *The memorygraphs package. TikZ styles to typeset graphs of program memory*. 2019-01-07. Version 0.1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/memorygraphs>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/memorygraphs>
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 URL: <https://ctan.org/pkg/fig2mf>  
 MIRROR: <https://mirror.ctan.org/graphics/fig2mf>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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 URL: <https://ctan.org/pkg/fastpictex>  
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- *The cmupint package. Upright integral symbols for Computer Modern*. 2020-04-13. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmupint>  
 MIRROR: <https://mirror.ctan.org/fonts/cmupint>
  - *The srbtik package. Font STIX2 for Serbian and Macedonian*. 2022-05-26. Version 1.0. LICENSE: ofl,lppl1.3. The package is the extension of the package that enables usage of the STIX2 font in L<sup>A</sup>T<sub>E</sub>X for the Serbian and Macedonian languages (therefore, it is required to have the package installed).  
 URL: <https://ctan.org/pkg/srbtik>  
 MIRROR: <https://mirror.ctan.org/fonts/srbtik>
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 URL: <https://ctan.org/pkg/fancyfolien>  
 MIRROR: <https://mirror.ctan.org/info/german/fancyhdr>
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 URL: <https://ctan.org/pkg/ftcap>  
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 MIRROR: <https://mirror.ctan.org/obsolete/info/latex-info>

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 URL: <https://ctan.org/pkg/initials>  
 MIRROR: <https://mirror.ctan.org/fonts/initials>
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 URL: <https://ctan.org/pkg/mtex>  
 MIRROR: <https://mirror.ctan.org/macros/mtex>
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 URL: <https://ctan.org/pkg/ttt>  
 MIRROR: <https://mirror.ctan.org/language/tibetan/steiner>
- Steiner, Dave. *The usenix package. Style option to do Usenix conference proceedings*. 2016-06-24. LICENSE: nosell. This is an option, conforming to rules derived from “Instructions for Usenix Authors and Speakers”. Unfortunately the package author considered some of the details unclear, and was unable to clear up the problems for lack of communication with Usenix admin.  
 URL: <https://ctan.org/pkg/usenix>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/usenix.sty>
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 URL: <https://ctan.org/pkg/glossaries-norsk>  
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 URL: <https://ctan.org/pkg/bardia>  
 MIRROR: <https://mirror.ctan.org/graphics/bardia>
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 URL: <https://ctan.org/pkg/biblio-perl>  
 MIRROR: <https://mirror.ctan.org/support/biblio>
- Stephani, Philipp. *The luatex-math package. Fixes for mathematics-related LuaL<sup>A</sup>T<sub>E</sub>X issues*. 2022-01-01. Version 1.12. LICENSE: lppl1.3c. The package patches a few commands of the L<sup>A</sup>T<sub>E</sub>X2e kernel and the and packages to be more compatible with the LuaTeX engine. It is only meaningful for LuaL<sup>A</sup>T<sub>E</sub>X documents containing mathematical formulas, and does not exhibit any new functionality. The fixes are mostly moved from the package to this package since they are not directly related to Unicode mathematics typesetting.  
 URL: <https://ctan.org/pkg/luatex-math>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luatex-math>
- *The luaLaTeX-platform package. Load platform-specific code into LuaTeX*. 2016-06-24. Version 0.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/luatex-platform>  
 MIRROR: <https://mirror.ctan.org/obsolete/systems/luatex/contrib/luatex-platform>
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 URL: <https://ctan.org/pkg/linguex>  
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 URL: <https://ctan.org/pkg/pstrees>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/pstrees>
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 URL: <https://ctan.org/pkg/texed>  
 MIRROR: <https://mirror.ctan.org/systems/os2/texed>
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 MIRROR: <https://mirror.ctan.org/support/digestif>
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>
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- Stone, Philip. *The ReadableCV package. A highly readable and good looking CV and letter class*. 2021-03-24. Version 3.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/readablecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/readablecv>
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 URL: <https://ctan.org/pkg/acroflex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/acroflex>
- *The AcroMemory package. Memory games in L<sup>A</sup>T<sub>E</sub>X*. 2021-09-11. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/acromemory>  
 MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/acromemory](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/acromemory)
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 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>
- Story, Donald P. *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>
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URL: <https://ctan.org/pkg/aeb-pro>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb\\_pro](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb_pro)
- *The AeB slicing package*. An image slicer. 2021-09-11. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/aeb-slicing>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aeb-slicing](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aeb-slicing)
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeb-minitoc>
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URL: <https://ctan.org/pkg/aeb-mobile>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_mobile](https://mirror.ctan.org/macros/latex/contrib/aeb_mobile)
- *The aeb-tilebg package*. AeB Tiling Backgrounds. 2021-09-11. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/aeb-tilebg>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_tilebg](https://mirror.ctan.org/macros/latex/contrib/aeb_tilebg)
- *The aeb\_dad package*. A drag-and-drop matching game with PDF files. 2016-12-14. Version 1.2b. LICENSE: lppl. The package is used to create a DAD (Drag and Drop) Matching Game that uses stamps and push buttons. DAD Matching works in any version of Acrobat, and in Adobe Reader XI; it can use the stamps created by the .  
URL: [https://ctan.org/pkg/aeb\\_dad](https://ctan.org/pkg/aeb_dad)  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
- *The aebenvelope package*. The AeB Pro eEnvelope System. 2021-09-11. Version 1.0. LICENSE: lppl. The package uses the concept of an ‘eEnvelope’ to direct the user’s attention to attached files. The system may use any one of four provided eEnvelope templates, or can use a custom designed template. The package is required to attach documents to the eEnvelope. AeB Pro, and hence also eEnvelope, requires Acrobat Pro, version 7.0 or later, and requires the document author to create PDF using distiller.  
URL: <https://ctan.org/pkg/aebenvelope>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebenvelope](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebenvelope)
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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)
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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>
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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>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>
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URL: <https://ctan.org/pkg/datepicker-pro>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datepicker-pro>
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URL: <https://ctan.org/pkg/digicap-pro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/digicap-pro>



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URL: <https://ctan.org/pkg/docassembly>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/docassembly>
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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>
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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: lppl1  
URL: <https://ctan.org/pkg/fldigial>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
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URL: <https://ctan.org/pkg/forms16be>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>
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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>
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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)
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URL: <https://ctan.org/pkg/lmacs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
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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>
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URL: <https://ctan.org/pkg/qrcstamps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
  - *The ran\_toks package. Randomise token strings.* 2021-06-06. LICENSE: lppl1  
URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
  - *The rangen package. Generate random integers, rational and decimal numbers.* 2021-09-11. Version 1.4. LICENSE: lppl1.2. The package generates random integers, rational numbers, and decimal numbers. The package uses the package to generate random integers, and then builds rational numbers and decimal numbers from the generated integers.  
URL: <https://ctan.org/pkg/rangen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
  - *The renditions package. Multiple versions from the same content.* 2021-09-11. Version 0.1. LICENSE: lppl. The package sets up ‘comment’ environments, called ; each rendition is thought of as a version of the basic content of the document that includes it.  
URL: <https://ctan.org/pkg/renditions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
- Story, Donald P. *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.

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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
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URL: <https://ctan.org/pkg/rmannot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rmannot>
  - *The Robot Man package*. A fun demo of AcroTeX eEducation Bundle facilities. 2017-04-18. LICENSE: lppl. Robot man is distributed as part of the bundle (just for fun); the source is attached to the PDF file.  
URL: <https://ctan.org/pkg/robot-man>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/robot\\_man](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/robot_man)
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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>
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URL: <https://ctan.org/pkg/xbmks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
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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>
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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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URL: <https://ctan.org/pkg/handin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/handin>
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URL: <https://ctan.org/pkg/streetex>  
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 URL: <https://ctan.org/pkg/texshell32>  
 MIRROR: <https://mirror.ctan.org/systems/win32/texshell32>
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URL: <https://ctan.org/pkg/frankenstein>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
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URL: <https://ctan.org/pkg/frankenstein-unsupported>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
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URL: <https://ctan.org/pkg/swiftex>  
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 MIRROR: <https://mirror.ctan.org/fonts/greek/grtimes>
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 URL: <https://ctan.org/pkg/grverb>  
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URL: <https://ctan.org/pkg/xexchangebar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
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 MIRROR: <https://mirror.ctan.org/support/bib2gls>
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 URL: <https://ctan.org/pkg/csvtools>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/csvtools>
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 URL: <https://ctan.org/pkg/datatooltk>  
 MIRROR: <https://mirror.ctan.org/support/datatooltk>
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 URL: <https://ctan.org/pkg/datetime>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/datetime>
  - *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>  
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 URL: <https://ctan.org/pkg/datetime2-dutch>  
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 URL: <https://ctan.org/pkg/datetime2-esperanto>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-galician>
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URL: <https://ctan.org/pkg/datetime2-hebrew>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-hebrew>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-irish>
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URL: <https://ctan.org/pkg/datetime2-lsorbian>  
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URL: <https://ctan.org/pkg/datetime2-norsk>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
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URL: <https://ctan.org/pkg/datetime2-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-polish>
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URL: <https://ctan.org/pkg/datetime2-portuges>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-portuges>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-spanish>
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URL: <https://ctan.org/pkg/datetime2-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-swedish>
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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>
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URL: <https://ctan.org/pkg/datetime2-welsh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-welsh>
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URL: <https://ctan.org/pkg/dickimaw>  
MIRROR: <https://mirror.ctan.org/info/dickimaw>
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URL: <https://ctan.org/pkg/doipubmed>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doipubmed>
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URL: <https://ctan.org/pkg/flowfram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flowfram>
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URL: <https://ctan.org/pkg/flowframtk>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-danish>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-dutch>
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URL: <https://ctan.org/pkg/glossaries-english>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
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URL: <https://ctan.org/pkg/glossaries-german>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-german>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-irish>
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URL: <https://ctan.org/pkg/glossaries-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-italian>
  - *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>
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URL: <https://ctan.org/pkg/glossaries-spanish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>
  - *The glossary package.* Create a glossary. 2016-06-24. Version 2.4. LICENSE: lppl  
URL: <https://ctan.org/pkg/glossary>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package.* A Java interface to Ghostscript to convert PDF to PDF/X. 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript’s setting, which is analogous to Acrobat Distiller’s “Prepress Optimized” setting.  
URL: <https://ctan.org/pkg/jmakepdfx>  
MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
  - *The jmlr package.* Class files for the Journal of Machine Learning Research. 2022-02-09. Version 1.30. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/jmlr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
  - *The MakeGlossariesGUI package.* Java GUI alternative to makeglossaries script. 2020-03-10. Version 2.2. LICENSE: gpl3. The package provides a Java GUI alternative to the makeglossaries Perl script (supplied by the package). The package was designed for people who don’t want to use the command prompt but can’t get their editor to run makeglossaries. It can also be used as a diagnostic tool when there are problems with the document glossaries.  
URL: <https://ctan.org/pkg/makeglossariesgui>  
MIRROR: <https://mirror.ctan.org/support/makeglossariesgui>
  - *The mfirstuc package.* Uppercase the first letter of a word. 2022-10-18. Version 2.08. LICENSE: lppl1.3. The package provides commands that uppercases the first letter in its argument (with a check for a semantic markup command at the start of the argument), and xmakefirstuc which expands the argument before uppercasing. It also provides which applies to each word in the , where the words are separated by regular spaces. (Exceptions can be made for words that shouldn’t be converted.)  
URL: <https://ctan.org/pkg/mfirstuc>  
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 URL: <https://ctan.org/pkg/almendra>  
 MIRROR: <https://mirror.ctan.org/fonts/almendra>
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 URL: <https://ctan.org/pkg/cinzel>  
 MIRROR: <https://mirror.ctan.org/fonts/cinzel>

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URL: <https://ctan.org/pkg/classico>  
MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
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URL: <https://ctan.org/pkg/clearsans>  
MIRROR: <https://mirror.ctan.org/fonts/clearsans>
- *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, XeL<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X support for the Cooper Hewitt family of sans serif fonts. 2022-11-03. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cooperhewitt>  
MIRROR: <https://mirror.ctan.org/fonts/cooperhewitt>
- *The CormorantGaramond package*. Cormorant Garamond family of fonts. 2022-09-16. Version 3.601. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cormorantgaramond>  
MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>
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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>  
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URL: <https://ctan.org/pkg/ebgaramond>  
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- *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>
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URL: <https://ctan.org/pkg/fira>  
MIRROR: <https://mirror.ctan.org/fonts/fira>
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URL: <https://ctan.org/pkg/forum>  
MIRROR: <https://mirror.ctan.org/fonts/forum>
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URL: <https://ctan.org/pkg/gandhi>  
MIRROR: <https://mirror.ctan.org/fonts/gandhi>
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MIRROR: <https://mirror.ctan.org/fonts/gillius>
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URL: <https://ctan.org/pkg/gofonts>  
MIRROR: <https://mirror.ctan.org/fonts/gofonts>
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MIRROR: <https://mirror.ctan.org/fonts/ibarra>
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URL: <https://ctan.org/pkg/imfellenglish>  
MIRROR: <https://mirror.ctan.org/fonts/imfellenglish>

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 MIRROR: <https://mirror.ctan.org/fonts/imfelloflowers>
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 URL: <https://ctan.org/pkg/josefin>  
 MIRROR: <https://mirror.ctan.org/fonts/josefin>
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 URL: <https://ctan.org/pkg/libertine>  
 MIRROR: <https://mirror.ctan.org/fonts/libertine>
  - *The libertine-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Libertine family of fonts.* 2016-06-24. Version 5.3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/libertine-type1>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
  - *The libertinus-type1 package. Support for using Libertinus fonts with L<sup>A</sup>T<sub>E</sub>X/pdfLaTeX.* 2023-06-23. LICENSE: gpl2,ofl,lppl  
 URL: <https://ctan.org/pkg/libertinus-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-type1>
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 URL: <https://ctan.org/pkg/librebaskerville>  
 MIRROR: <https://mirror.ctan.org/fonts/librebaskerville>
  - *The librebodoni package. Libre Bodoni fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/librebodoni>  
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 URL: <https://ctan.org/pkg/librecaslon>  
 MIRROR: <https://mirror.ctan.org/fonts/librecaslon>
  - *The librefranklin package. L<sup>A</sup>T<sub>E</sub>X support for the Libre-Franklin family of fonts.* 2022-09-19. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/librefranklin>  
 MIRROR: <https://mirror.ctan.org/fonts/librefranklin>
  - *The linguisticspro package. LinguisticsPro fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: lppl,ofl  
 URL: <https://ctan.org/pkg/linguisticspro>  
 MIRROR: <https://mirror.ctan.org/fonts/linguisticspro>
  - *The lobster2 package. Lobster Two fonts, with support for all L<sup>A</sup>T<sub>E</sub>X engines.* 2022-09-19. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/lobster2>  
 MIRROR: <https://mirror.ctan.org/fonts/lobster2>
  - *The Marcellus package. Marcellus fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-20. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, Xe<sub>L</sub><sup>A</sup>T<sub>E</sub>X and LuaLaTeX support for the Marcellus family of fonts, designed by Brian J. Bonislowsky. Marcellus is a flared-serif family, inspired by classic Roman inscription letterforms. There is currently just a regular weight and small-caps. The regular weight will be silently substituted for bold.  
 URL: <https://ctan.org/pkg/marcellus>  
 MIRROR: <https://mirror.ctan.org/fonts/marcellus>
  - *The merriweather package. Merriweather and MerriweatherSans fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-20. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/merriweather>  
 MIRROR: <https://mirror.ctan.org/fonts/merriweather>
  - *The mintsprite package. L<sup>A</sup>T<sub>E</sub>X support for MintSprite font families.* 2022-09-22. LICENSE: ofl,lppl. The package provides , , and support for the MintSprite and MintSpriteNo2 families of fonts, designed by Hirwen Harendal. MintSprite was originally designed for use as a system font on a Linux Mint system. The No. 2 variant provides more conventional shapes for some glyphs.  
 URL: <https://ctan.org/pkg/mintsprite>  
 MIRROR: <https://mirror.ctan.org/fonts/mintsprite>
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URL: <https://ctan.org/pkg/notocondensed>  
MIRROR: <https://mirror.ctan.org/fonts/notocondensed>
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URL: <https://ctan.org/pkg/oldstandardt1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/oldstandardt1>
- *The overlock package. Overlock sans fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-23. LICENSE: ofl. The package provides the Overlock and OverlockSC families of fonts, designed by Dario Manuel Muhafara of the (<http://www.tipo.net.ar>), “rounded” sans-serif fonts in three weights (Regular, Bold, Black) with italic variants for each of them. There are also small-caps and old-style figures in the Regular weight.  
URL: <https://ctan.org/pkg/overlock>  
MIRROR: <https://mirror.ctan.org/fonts/overlock>
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URL: <https://ctan.org/pkg/padauk>  
MIRROR: <https://mirror.ctan.org/fonts/padauk>
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MIRROR: <https://mirror.ctan.org/fonts/playfair>
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URL: <https://ctan.org/pkg/plex>  
MIRROR: <https://mirror.ctan.org/fonts/plex>
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URL: <https://ctan.org/pkg/poiretone>  
MIRROR: <https://mirror.ctan.org/fonts/poiretone>
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URL: <https://ctan.org/pkg/prerex>  
MIRROR: <https://mirror.ctan.org/graphics/prerex>
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MIRROR: <https://mirror.ctan.org/fonts/quattroceto>
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URL: <https://ctan.org/pkg/roboto>  
MIRROR: <https://mirror.ctan.org/fonts/roboto>
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URL: <https://ctan.org/pkg/spectral>  
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MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-6>
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- Tennent, Bob. *The texlive-dummy-enterprise-linux-8 package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 8 and derived distributions.* 2020-02-15. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/theanodidot>  
MIRROR: <https://mirror.ctan.org/fonts/theanodidot>
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URL: <https://ctan.org/pkg/theanomodern>  
MIRROR: <https://mirror.ctan.org/fonts/theanomodern>
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URL: <https://ctan.org/pkg/theanooldstyle>  
MIRROR: <https://mirror.ctan.org/fonts/theanooldstyle>
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- *The amsbook package. L<sup>A</sup>T<sub>E</sub>X document class for AMS books*. 2020-06-01. Version 2.20.6. LICENSE: lppl1.3c. A L<sup>A</sup>T<sub>E</sub>X document class for books that is tailored to the design of American Mathematical Society publications. If you have a standard installation of L<sup>A</sup>T<sub>E</sub>X, you should find that is already present, since it is part of the (“required”) distribution. For publication-specific AMS document classes ( , , , , etc.), see the AMS .  
URL: <https://ctan.org/pkg/amsbook>  
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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>

Unknown. *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 PicT<sub>E</sub>X. 2016-06-24. LICENSE: noinfo. The package draws trees, using . There is no documentation, but the distribution contains an example file that makes usage fairly clear.  
URL: <https://ctan.org/pkg/baum>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/baum>
- *The beamertheme-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: lppl1.3c. This package provides an inner theme for beamer which reproduces standard beamer blocks using es. The look and feel (rounded/sharp corners, shadows and colours) will automatically adapt to which other themes are loaded.

- URL: <https://ctan.org/pkg/beamertheme-tcolorbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-tcolorbox>
- *The bitstrea package*. Support for use of Bitstream fonts. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/bitstrea>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/bitstrea>
- *The blackletter package*. A blackletter font. 2016-06-24. LICENSE: noinfo  
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  $\TeX$ -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  $\LaTeX$ . 2021-10-15. Version 1.0. LICENSE: lppl1.3c. This package provides some conditional commands, just like the package. The difference is that can define conditional commands.  
URL: <https://ctan.org/pkg/cdcmd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdcmd>
- *The chhaya package*. Linguistic glossing in Marathi language. 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
URL: <https://ctan.org/pkg/chhaya>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>
- *The ChineseJFM package*. Luatexja-jfm files for Chinese typesetting. 2021-02-15. Version 1.1.1. LICENSE: mit. ChineseJFM is a series of luatexja-jfm files for better Chinese typesetting, providing , , and three styles and other fancy features. It can be used for both horizontal and vertical writing mode in Simplified/Traditional Chinese or Japanese fonts.  
URL: <https://ctan.org/pkg/chinese-jfm>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chinese-jfm>
- *The cmastro package*. Font for planetary symbols. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cmastro>  
MIRROR: <https://mirror.ctan.org/fonts/cmastro>
- *The committee-font package*. A font designed by a committee. 2016-07-19. LICENSE: noinfo  
URL: <https://ctan.org/pkg/committee-font>  
MIRROR: <https://mirror.ctan.org/fonts/unsupported/committee>
- *The csname-doc package*. A list of plain.tex cs names. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/csname-doc>  
MIRROR: <https://mirror.ctan.org/info/plain-doc/csname.txt>
- *The czhyph package*. Hyphenation patterns for Czech. 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/czhyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/czhyph.tex>
- *The datestamp package*. Fixed date-stamps with LuaLaTeX. 2021-12-15. Version 0.3. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/datestamp>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/datestamp>
- *The deflist package*. A variation on the description environment. 2016-06-24. LICENSE: noinfo. The command evnironment takes an argument, whose width is taken as the maximum width of labels in a -like environment  
URL: <https://ctan.org/pkg/deflist>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/deflist.sty>
- *The defstring package*. Define macros as verbatim macros. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/defstring>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>
- Unknown. *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>
- *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>
- Unknown. *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  $\TeX$ . 2016-06-18. LICENSE: collection  
 URL: <https://ctan.org/pkg/plainmisc>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc>
- *The plcalendar package*. Plain macros for making nice calendars. 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/plcalendar>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/calendar>
- *The plfonts package*. Polish extension to Computer Modern fonts. 2016-06-24. LICENSE: pd. Polish extension of Computer Modern fonts. These fonts are compatible with CM fonts; only Polish characters (as in EC/Cork encoding) and quotes are added. The fonts are distributed as or in .  
 URL: <https://ctan.org/pkg/plfonts>
- *The printbib package*. Print the contents of a bibliography. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/printbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/printbib>
- *The psfonts package*. PostScript fonts for use with  $\TeX$  and  $\LaTeX$ . 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  $\LaTeX$ . 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  $\LaTeX$ , 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  $\TeX$  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  $\TeX$  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>
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 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>
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 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>
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 URL: <https://ctan.org/pkg/texindex>  
 MIRROR: <https://mirror.ctan.org/indexing/texindex>
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 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>
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 URL: <https://ctan.org/pkg/threecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
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 URL: <https://ctan.org/pkg/tikz-bbox>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
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 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  $\TeX$ . 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  $\TeX$ . 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  $\TeX$  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> $\TeX$  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 $\TeX$  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/LuaLa $\TeX$  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  $\TeX$ . 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/verbatim-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>

- *The web9pt package. Nine-point web listings.* 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.  
URL: <https://ctan.org/pkg/web9pt>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>
- *The webmacss package. Use sans serif font in Web listings.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/webmacss>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>
- *The winemtex package. EmTeX for windows.* 2016-06-24. LICENSE: noinfo. A full distribution for MS-Windows98 including Ghostscript and WinEdit and preconfigured to work with T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/winemtex>
- *The wntamil package. Tamil to T<sub>E</sub>X converter.* 2019-06-21. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/wntamil>  
MIRROR: <https://mirror.ctan.org/language/tamil/wntamil>
- *The wright package. Define commands with optional arguments.* 2016-06-24. LICENSE: noinfo. Version of and that can define commands with optional arguments. (Preceding the public availability of such commands, in L<sup>A</sup>T<sub>E</sub>X 2e, and with a slightly different syntax.)  
URL: <https://ctan.org/pkg/wright>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/wright>
- *The xarticle package. A L<sup>A</sup>T<sub>E</sub>X 2.09 document style with 7pt, 8pt and 9pt options.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/xarticle>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/xarticle>
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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>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/zaccone>
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URL: <https://ctan.org/pkg/zitie>  
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URL: <https://ctan.org/pkg/buctthesis>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>
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URL: <https://ctan.org/pkg/engwar>  
MIRROR: <https://mirror.ctan.org/fonts/engwar>
- *The tengwar package. Font to set Tolkien’s Tengwar script.* 2019-06-21. LICENSE: nosell. Font for typesetting Tolkien Tengwar script, written in Metafont. The macros support the use of this font.  
URL: <https://ctan.org/pkg/tengwar>  
MIRROR: <https://mirror.ctan.org/fonts/tengwar>
- URW GmbH. *The urw package. URW free font support.* 2016-06-24. LICENSE: collection. Fonts, font metrics, and macro support in L<sup>A</sup>T<sub>E</sub>X2e, for available URW fonts. Fonts provided are: – ; – ; – ; – ; – ; and – .  
URL: <https://ctan.org/pkg/urw>  
MIRROR: <https://mirror.ctan.org/fonts/urw>
- URW GmbH, Primož 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>  
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- 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  $\TeX$ . 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  $\LaTeX$ . 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  $\LaTeX$ . 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>
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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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamer-verona>
- *The biblatex-philosophy package. Styles for using Bib<sub>La</sub>T<sub>E</sub>X for work in philosophy*. 2022-09-16. Version 1.9.8g. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-philosophy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-philosophy>
  - *The fontsize package. A small package to set arbitrary sizes for the main font of the document*. 2021-08-04. Version 0.8.5. LICENSE: lppl1.3. The package allows you to set arbitrary sizes for the main font of the document, through the option.  
 URL: <https://ctan.org/pkg/fontsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fontsize>
  - *The suftesi package. A document class for typesetting theses, books and articles*. 2021-11-01. Version 3.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/suftesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/suftesi>
- Välimäki, Tuomas. *The glossaries-finnish package. Finnish language module for glossaries package*. 2019-05-24. Version 1.0. LICENSE: lppl1.3. Finnish language module for package.  
 URL: <https://ctan.org/pkg/glossaries-finnish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-finnish>
- Välimäki, Tuomas and Nicola Talbot. *The datetime2-finnish package. Finnish language module for the datetime2 package*. 2018-03-21. Version 1.2. LICENSE: lppl1.3. This module provides the “finnish” style that can be set using provided by .  
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URL: <https://ctan.org/pkg/auto-pst-pdf-lua>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf-lua>
- *The beamer-fuberlin package. Beamer, using the style of FU Berlin*. 2022-04-28. Version 0.02b. LICENSE: lppl  
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: lppl1.3. 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: lppl  
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: lppl. 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>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-spbasic>
  - *The ctan-bibdata package. Bibliography data for all CTAN packages*. 2022-11-02. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ctan-bibdata>  
MIRROR: <https://mirror.ctan.org/biblio/ctan-bibdata>
  - *The dejavu-otf package. Support for the ttf and otf DejaVu fonts*. 2019-06-09. Version 0.04. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dejavu-otf>  
MIRROR: <https://mirror.ctan.org/fonts/dejavu-otf>
  - *The einfuehrung package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/einfuehrung>  
MIRROR: <https://mirror.ctan.org/info/examples/Einfuehrung>
  - *The einfuehrung2 package. Examples from the book Einführung in L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/einfuehrung2>  
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>
  - *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>
- Voß, Herbert. *The heros-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Heros>*. 2022-10-14. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/heros-otf>  
MIRROR: <https://mirror.ctan.org/fonts/heros-otf>



- *The hvarabic package. Macros for RTL typesetting.* 2021-06-01. Version 0.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hvarabic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvarabic>
- *The hvextern package. Write and execute external code, and insert the output.* 2023-07-06. Version 0.34. 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  $\TeX$ -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  $\TeX$  length with a space between number and unit.* 2018-01-07. Version 0.01. LICENSE: lppl. Writing a  $\TeX$  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  $\LaTeX$ .* 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  $\LaTeX$ .* 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 "LaTeX 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.  $\LaTeX$  Tabellen.* 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-tabellen>  
 MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>
- *The libertinus package. Wrapper to use the correct libertinus package according to the used  $\TeX$  engine.* 2021-06-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus>
- *The libertinus-otf package. Support for Libertinus OpenType.* 2023-05-17. Version 0.31. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-otf>
- Voß, Herbert. *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”. 2019-06-09. Version 0.03. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luaintro>  
MIRROR: <https://mirror.ctan.org/info/examples/luaintro>
- *The luarandom package*. Create lists of random numbers. 2019-06-09. Version 0.01. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luarandom>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luarandom>
- *The lucida-otf package*. Support for the Lucida Bright fonts (OpenType). 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 L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/math-e>  
MIRROR: <https://mirror.ctan.org/info/examples/Math-E>
- *The mathesatz-examples package*. Examples from the book “Mathematiksatz mit L<sup>A</sup>T<sub>E</sub>X”. 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 T<sub>E</sub>X Gyre Pagella. 2022-10-16. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pagella-otf>  
MIRROR: <https://mirror.ctan.org/fonts/pagella-otf>
- *The plex-otf package*. Support for the OpenType font IBM Plex. 2018-04-13. Version 0.07a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/plex-otf>  
MIRROR: <https://mirror.ctan.org/fonts/plex-otf>
- *The powerdot-fuberlin package*. Powerdot, using the style of FU Berlin. 2019-11-26. Version 0.02a. LICENSE: lppl  
URL: <https://ctan.org/pkg/powerdot-fuberlin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>
- *The presentations package*. Examples from the book *Präsentationen mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/presentations>  
MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)
- *The presentations-en package*. Examples from the book *Präsentationen mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl  
URL: <https://ctan.org/pkg/presentations-en>  
MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)
- *The pst-3dplot package*. Draw 3D objects in parallel projection, using PSTricks. 2022-01-14. Version 2.07a. LICENSE: lppl. A package using to draw a large variety of graphs and plots, including 3D maths functions. Data can be read from external data files, making this package a generic tool for graphing within T<sub>E</sub>X/LaTeX, without the need for external tools.  
URL: <https://ctan.org/pkg/pst-3dplot>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>
- *The pst-abspos package*. Put objects at an absolute position. 2016-06-24. Version 0.2. LICENSE: lppl. The (PSTricks-related) package provides a command to put an object at an arbitrary absolute (or even a relative) position on the page.  
URL: <https://ctan.org/pkg/pst-abspos>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>
- *The pst-arrow package*. Special arrows for PSTricks. 2021-11-16. Version 0.05. LICENSE: lppl. This package has all the code from the package which was related to arrows, like multiple arrows and so on.  
URL: <https://ctan.org/pkg/pst-arrow>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>
- *The pst-calculate package*. Support for floating point operations at L<sup>A</sup>T<sub>E</sub>X level. 2019-06-09. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-calculate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>
- *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>
- Voß, Herbert. *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  $\TeX$ . 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)
- *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)
- Voß, Herbert. *The schola-otf package*. Using the OpenType fonts  $\TeX$  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>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits.* 2021-09-10. Version 2.19. LICENSE: lppl. The package is built using and in particular . It can easily draw current 2-terminal devices and some 3- and 4-terminal devices used in electronic or electric theory. The package's macros are designed with a view to 'logical' representation of circuits, as far as possible, so as to relieve the user of purely graphical considerations when expressing a circuit.  
 URL: <https://ctan.org/pkg/pst-circ>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>
- Voß, Herbert and Pablo González Luengo. *The pst2pdf package. A script to compile PSTricks documents via pdfT<sub>E</sub>X.* 2020-08-26. Version 0.20. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/pst2pdf>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/scripts/pst2pdf>
- Voß, Herbert and Manuel Luque. *The pst-antiprism package. A PSTricks related package which draws an antiprism.* 2018-02-15. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-antiprism>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-antiprism>

- *The pst-shell package. Plotting sea shells.* 2020-07-29. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-shell>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>
- *The pst-spinner package. Drawing a fidget spinner.* 2023-02-22. Version 1.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-spinner>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-spinner>
- Voß, Herbert and Rolf Niepraschk. *The dtk package. Document class for the journal of DANTE.* 2023-07-31. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/dtk>  
MIRROR: <https://mirror.ctan.org/usergrps/dante/dtk>
- *The xltabular package. Longtable support with possible X-column specifier.* 2020-11-04. Version 0.2e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xltabular>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xltabular>
- Voß, Herbert and Dominique Rodriguez. *The pstricks-add package. A collection of add-ons and bugfixes for PSTricks.* 2023-04-17. Version 3.94. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstricks-add>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pstricks-add>
- Voß, Herbert and Timothy Van Zandt. *The pst-coil package. A PSTricks package for coils, etc.* 2022-04-06. Version 1.07. LICENSE: lppl. Pst-coil is a based package for coils and zigzags and for coil and zigzag node connections.  
URL: <https://ctan.org/pkg/pst-coil>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-coil>
- *The pst-eps package. Create EPS files from PSTricks figures.* 2016-06-24. Version 1.0. LICENSE: lppl. Pst-eps is a -based package for exporting PSTricks images ‘on the fly’ to encapsulated PostScript (EPS) image files, which can then be read into a document in the usual way.  
URL: <https://ctan.org/pkg/pst-eps>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-eps>
- *The pst-grad package. Filling with colour gradients, using PSTricks.* 2016-06-24. Version 1.06. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-grad>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-grad>
- *The pst-text package. Text and character manipulation in PSTricks.* 2018-12-29. Version 1.02. LICENSE: lppl. Pst-text is a based package for plotting text along a different path and manipulating characters. It includes the functionality of the old package pst-char.  
URL: <https://ctan.org/pkg/pst-text>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-text>
- Voß, Jakob. *The acroterm package. Manage and index acronyms and terms.* 2021-08-26. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/acroterm>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acroterm>
- Voß, Jakob and Camil Staps. *The tkz-orm package. Create Object-Role Model (ORM) diagrams.* 2021-08-26. Version 0.1.4. LICENSE: gpl2,lppl1.3  
URL: <https://ctan.org/pkg/tkz-orm>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-orm>
- Voss, Jochen. *The jvlisting package. A replacement for L<sup>A</sup>T<sub>E</sub>X’s verbatim package.* 2016-06-24. Version 0.7. LICENSE: lppl  
URL: <https://ctan.org/pkg/jvlisting>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jvlisting>
- Vrba, Anton. *The flexipage package. Flexible page geometry with marginalia.* 2023-03-18. Version 1.02. LICENSE: lppl1.3c. This package allows easy page layout if marginalia is required. Mid document changes are possible such as: new marginal width, full width text, and landscape text without marginal. Partners well with the package . The package also aids the layout for book printing, 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>  
MIRROR: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks*. 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/matc3>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of, with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.  
URL: <https://ctan.org/pkg/matc3mem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script*. 2020-09-06. Version 0.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/akshar>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/barcodes-vulis>  
MIRROR: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
- *The weekday package. Generate "day of week"*. 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/weekday>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code*. 2021-09-16. Version 1.2. LICENSE: lgpl  
URL: <https://ctan.org/pkg/businesscard-qrcode>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
- *The inline-images package. Inline images in base64 encoding*. 2021-09-16. Version 1.0. LICENSE: lgpl3  
URL: <https://ctan.org/pkg/inline-images>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography*. 2021-03-18. Version 0.1. LICENSE: lppl1.3c.  
This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.  
URL: <https://ctan.org/pkg/biblatex-license>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
- Wagner, Victor. *The catdoc package. Text extractor for word files*. 2016-06-24. Version 0.90. LICENSE: gpl  
URL: <https://ctan.org/pkg/catdoc>  
MIRROR: <https://mirror.ctan.org/support/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to "today"*. 2016-06-24. LICENSE: lppl1.3. Provides macros which can add a specified number of days to the current date (as specified in ), to save, set and restore the 'current date' and to print it. Intended use is, for example, in invoices "payable within 14 days from today", etc. The package has only been tested with Czech dates.  
URL: <https://ctan.org/pkg/advdate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/cnbwp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
  - *The drawing package. Simple drawings with Metafont*. 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
URL: <https://ctan.org/pkg/drawing>  
MIRROR: <https://mirror.ctan.org/graphics/drawing>
  - *The ean13isbn package. Print EAN13 for ISBN*. 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.  
URL: <https://ctan.org/pkg/ean13isbn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>
  - *The fillform package. Typeset answers to overprint on printed forms*. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/fillform>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
- Wagner, Zdeněk. *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 xevl<sub>na</sub> package. Insert non-breakable spaces using XeTeX.* 2018-05-30. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/xevl<sub>na</sub>>  
MIRROR: <https://mirror.ctan.org/macros/xetex/generic/xevl<sub>na</sub>>
- *The zwgetfdate package. Get package or file date.* 2017-04-18. LICENSE: lppl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.  
URL: <https://ctan.org/pkg/zwgetfdate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwgetfdate>
- *The zwpagelayout package. Page layout and crop-marks.* 2022-04-18. Version 1.4e. LICENSE: lppl  
URL: <https://ctan.org/pkg/zwpagelayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
- Wagner, Zdeněk and Petr Olšák. *The encxv<sub>l<sub>na</sub></sub> package. Insert nonbreakable spaces, using encTeX.* 2018-05-30. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/encxv<sub>l<sub>na</sub></sub>>  
MIRROR: <https://mirror.ctan.org/macros/generic/encxv<sub>l<sub>na</sub></sub>>
- Wagner, Zdeněk, Anshuman Pandey, Frans Velthuis, Steven T. Smith, Dominik Wujastyk, and François Patte. *The devanagari package. Typeset Devanagari.* 2020-06-07. Version 2.17.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/devanagari>  
MIRROR: <https://mirror.ctan.org/language/devanagari/velthuis>
- Wahl, Tobias. *The MiniPlot package. A package for easy figure arrangement.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/miniplot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/miniplot>
- Waldi, Roland. *The wasy package. The wasy fonts (Waldi symbol fonts).* 2020-01-24. Version 2.5. LICENSE: pd  
URL: <https://ctan.org/pkg/wasy>  
MIRROR: <https://mirror.ctan.org/fonts/wasy>
- Wales, Richard B. *The oca package. OCR A font.* 2019-06-21. LICENSE: nosell  
URL: <https://ctan.org/pkg/oca>  
MIRROR: <https://mirror.ctan.org/fonts/oca>
- Wales, Richard B. and Tor Lillqvist. *The ocr-a package. Fonts for OCR-A.* 2018-01-06. LICENSE: nosell  
URL: <https://ctan.org/pkg/ocr-a>  
MIRROR: <https://mirror.ctan.org/fonts/ocr-a>
- Walker, Jim. *The sines package. Calculate sin function values.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/sines>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sines.tex>
- Wall, Matthew. *The scorecard package. Format a Baseball scorecard.* 2016-06-24. Version 1.1. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/scorecard>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/scorecard.tex>
- Walsh, Norman. *The comp-fonts-FAQ package. Frequently Asked Questions from comp.fonts.* 2016-06-24. Version 2.1.5. LICENSE: other-free  
URL: <https://ctan.org/pkg/comp-fonts-faq>  
MIRROR: <https://mirror.ctan.org/help/comp-fonts-FAQ>
- *The H<sub>P</sub>T<sub>fm</sub>2p<sub>l</sub> package. Create T<sub>E</sub>X PL files from HP AutoFont Support.* 2018-01-06. Version 1.0b beta. LICENSE: pd  
URL: <https://ctan.org/pkg/hp2pl>  
MIRROR: <https://mirror.ctan.org/support/hp2pl>
- Walsh, Norman. *The ljmetrics package. Metrics for Laserjet built-in fonts.* 2016-06-24. Version 0.9. LICENSE: noinfo. The distribution offers TFM (and PL) files derived from Hewlett-Packard's LaserJet IV Developers kit. No outlines are provided; the metrics are only usable with drivers adapted for output to the relevant printers (e.g., ).  
URL: <https://ctan.org/pkg/ljmetrics>  
MIRROR: <https://mirror.ctan.org/fonts/ljmetrics>

- *The macfont package*. Convert Apple type 1 fonts for use under Windows. 2016-06-24. Version 1.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/macfont>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/macfont>
- *The mhack package*. Macros for marginal notes, in Plain T<sub>E</sub>X. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/mhack>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/mhack.tex>
- *The pkbbox package*. Derive glyph bounding boxes by building PK file. 2016-06-24. LICENSE: noinfo. The author found that AFM files generated by lacked glyph bounding box information, so that they are not much use for generating TFM files. This package proceeds by generating a PK file from the Type 1 font by use of , and then using information from that to generate a more nearly valid AFM file from the original.  
URL: <https://ctan.org/pkg/pkbbox>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/pkbbox>
- *The tex-it package*. Controller for T<sub>E</sub>X processing. 2019-02-03. LICENSE: gpl. is a perl script for running T<sub>E</sub>X. It examines the log file of the T<sub>E</sub>X run and determines whether T<sub>E</sub>X needs to be run again; it runs BibT<sub>E</sub>X if necessary, and can be told to run Makeindex. Its "end-document" action may be selected from a menu, and includes a "tidy up" to delete all those scribble files.  
URL: <https://ctan.org/pkg/tex-it>  
MIRROR: <https://mirror.ctan.org/support/tex-it>
- Walsh, Norman and George Greenwade. *The 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/beamerthemennord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemennord>
- 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-Latex-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  
URL: <https://ctan.org/pkg/tikz-bagua>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bagua>
- Wang, Yue and LingYun Wu. *The zhmetrics package*. TFM subfont files for using Chinese fonts in 8-bit T<sub>E</sub>X. 2016-06-24. Version r206. LICENSE: lppl  
URL: <https://ctan.org/pkg/zhmetrics>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/zhmetrics>
- Warbrick, Jon and Luis Rivera. *The latex-essential package*. Essential information for writing L<sup>A</sup>T<sub>E</sub>X documents. 2016-06-24. Version 03. LICENSE: other-free

- URL: <https://ctan.org/pkg/latex-essential>  
 MIRROR: <https://mirror.ctan.org/info/latex-essential>
- Ward, Greg. *The bt00L package. Perl library for parsing and processing BibTeX files.* 2016-06-24. Version 0.32. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bt00l>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bt00L>
- Ward, Martin. *The program package. Typesetting programs and algorithms.* 2018-01-06. Version 3.3.14. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/program>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/program>
- Wardrop, Matthew. *The blochsphere package. Draw pseudo-3D diagrams of Bloch spheres.* 2016-06-24. Version 1.1. LICENSE: lppl1.3.  
 This package is used to draw pseudo-3D Blochsphere diagrams. It supports various annotations, such as great and small circles, axes, rotation markings and state vectors. It can be used in a standalone fashion, or nested within a environment by setting the environment option to .  
 URL: <https://ctan.org/pkg/blochsphere>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>
- Warner, Daniel. *The delig package. Disable misplaced ligatures in L<sup>A</sup>T<sub>E</sub>X documents.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/delig>  
 MIRROR: <https://mirror.ctan.org/support/delig>
- Wartenburger, Lucas. *The juraabbrev package. Abbreviations for typesetting (German) juridical documents.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/juraabbrev>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/juraabbrev>
- *The jurarsp package. Citations of judgements and official documents in (German) juridical documents.* 2016-06-24. Version 0.52. LICENSE: gpl  
 URL: <https://ctan.org/pkg/jurarsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jurarsp>
- Washburn, Geoffrey. *The otftofd package. Generate control files for OpenType fonts.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/otftofd>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otftofd>
- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaTeX.* 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.  
 URL: <https://ctan.org/pkg/konwerter>  
 MIRROR: <https://mirror.ctan.org/support/konwerter>
- Webb, Duncan. *The notes package. Mark sections of a document.* 2016-06-24. Version 1.0.1. LICENSE: lppl. The package provides environments to highlight significant portions of text within a document, by putting the text in a box and adding an icon in the margin. (The icons are provided as ‘fig’ sources, processable by .)  
 URL: <https://ctan.org/pkg/notes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notes>
- Weber, Natalie. *The leipzig package. Typeset and index linguistic gloss abbreviations.* 2019-10-18. Version 2.3. LICENSE: lppl1.3. The leipzig package provides a set of macros for standard glossing abbreviations, with options to create new ones. They are mnemonic

- (e.g. for accusative, abbreviated ). These abbreviations can be used alone or on top of the package for easy indexing and glossary printing.  
 URL: <https://ctan.org/pkg/leipzig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leipzig>
- *The textglos package. Typeset and index linguistic gloss abbreviations.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/textglos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textglos>
- Weber, Olaf and The  $\TeX$  Live Team. *The web2c package. Conversion programs and supporting code to compile  $\TeX$  in C.* 2022-01-17.  
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MIRROR: <https://mirror.ctan.org/fonts/bookhands>
  - *The carolmin package. Carolingian Miniscule manuscript book-hand font.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/carolmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/carolmin>
  - *The chbibref package. Change the Bibliography/References title.* 2016-06-24. Version 1.0. LICENSE: lppl. Defines a single command, which sets whichever of and is in use. ( is used in book.cls and report.cls, and is used in article.cls.)  
URL: <https://ctan.org/pkg/chbibref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chbibref>
  - *The cypriot package. A script which was used on Cyprus for writing Greek.* 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/cypriot>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/cypriot>
  - *The egothic package. Early Gothic manuscript book-hand font.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/egothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/egothic>
  - *The etruscan package. Fonts for the Etruscan script.* 2016-06-24. Version 2.1. LICENSE: lppl. The Etruscan script was in use between approximately 1000 BC and 100 AD. The font comes in mirrored forms suitable for writing either left-to-right or right-to-left (as the Etruscans did), and is provided in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/etruscan>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/etruscan>
  - *The expressg package. Diagrams consisting of boxes, lines, and annotations.* 2016-06-24. Version 1.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/expressg>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/expressg>
  - *The flatten package. Flatten \input, etc., in a L<sup>A</sup>T<sub>E</sub>X file.* 2016-06-24. LICENSE: other-free. A program to flatten a L<sup>A</sup>T<sub>E</sub>X root file by copying and ed files into the root file.  
URL: <https://ctan.org/pkg/flatten>  
MIRROR: <https://mirror.ctan.org/support/flatten>
  - *The greek4cbc package. A Greek font from 394BC.* 2016-06-24. Version 2.1. LICENSE: lppl. Provides a Greek monumental font as used on a stele in Athens in 394BC. The font consists of majuscules only and is in Adobe Type 1 format. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/greek4cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek4cbc>
  - *The greek6cbc package. A Greek font from the sixth century BC.* 2016-06-24. Version 2.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/greek6cbc>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/greek6cbc>
  - *The hierog1f package. The "poor man's" Egyptian Hieroglyphic font.* 2016-06-24. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hierog1f>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/hierog1f>
  - *The humanist package. Humanist manuscript book-hand font.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/humanist>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/humanist>
  - *The huncial package. Fonts based on the half Uncial manuscript book-hand.* 2016-07-29. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/huncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/huncial>
  - *The inslrmaj package. Fonts based on the Insular Majuscule manuscript book-hand.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/inslrmaj>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmaj>
  - Wilson, Peter R. *The inslrmin package. Fonts based on the Insular Minuscule manuscript book-hand.* 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/inslrmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/inslrmin>

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URL: <https://ctan.org/pkg/iso>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
- *The iso10303 package*. Typesetting the STEP standards. 2016-06-24. Version 1.5. LICENSE: lppl. Class and package files building on for typesetting the ISO 10303 (STEP) standards. Standard documents prepared using these packages have been published by ISO.  
URL: <https://ctan.org/pkg/iso10303>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso10303>
- *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>
- *The pacioli package*. Fonts designed by Fra Luca de Pacioli in 1497. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/pacioli>  
MIRROR: <https://mirror.ctan.org/fonts/pacioli>
- *The pgothic package*. Fonts based on the Gothic Textura Prescisus manuscript book-hand. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/pgothic>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/pgothic>
- *The phoenician package*. Fonts for the Phoenician script in use from about 1600 BC. 2016-06-24. Version 2.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/phoenician>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/phoenician>
- *The protosem package*. Fonts for proto-Semitic cuneiform script. 2016-06-24. Version 1.2. LICENSE: lppl. A font (in Type 1 format) and macros for proto-Semitic writing. This script was in use about 1600 BCE, and seems to be the oldest ancestor of most of the world's alphabets. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/protosem>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/protosem>
- *The rotunda package*. Rotunda manuscript book-hand font. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/rotunda>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/rotunda>
- *The runic package*. Fonts for Anglo-Saxon futhorc script. 2016-06-24. Version 1.1. LICENSE: lppl. Fonts and macros for runic writing. The futhorc script remained in use in England until just after printing was established. This is one of a series of fonts.  
URL: <https://ctan.org/pkg/runic>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/runic>
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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/sudokubundle>  
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MIRROR: <https://mirror.ctan.org/fonts/archaic/ugarite>
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URL: <https://ctan.org/pkg/uncial>  
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/afmtop1/wolczko>
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 MIRROR: <https://mirror.ctan.org/dviware/vutex>
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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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  - *The mdwtab package. A reimplementation of tabular and array environments.* 2016-06-24. Version 1.9. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mdwtab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
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 URL: <https://ctan.org/pkg/mdwtools>  
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 URL: <https://ctan.org/pkg/biblatex-nature>  
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MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjalipsum>
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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 p<sub>A</sub>T<sub>E</sub>X and u<sub>L</sub>A<sub>T</sub>E<sub>X</sub>, the extended version also supports pdf<sub>L</sub>A<sub>T</sub>E<sub>X</sub>, X<sub>Y</sub>-L<sub>A</sub>T<sub>E</sub>X and Lua<sub>L</sub>A<sub>T</sub>E<sub>X</sub>, with the aid of suitable packages that provide capability of Japanese typesetting.  
URL: <https://ctan.org/pkg/bxjscs>  
MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjscs>
- *The bxnewfont package. Enhanced \newfont command.* 2022-07-31. Version 0.2b. LICENSE: mit. This package provides a new command . It is similar to the old (and deprecated) command in function, but is more compatible with NFSS. In particular, one can safely change font size after invoking a font command defined by . The new command will be useful to users who know much of the old command, but are unfamiliar with the details of NFSS.  
URL: <https://ctan.org/pkg/bxnewfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxnewfont>
- *The bxorigcapt package. To retain the original caption names when using Babel.* 2022-07-31. Version 1.0. LICENSE: mit. This package forces the caption names ( , , etc) declared by the document class in use to be used as the caption names for a specific language introduced by the Babel package.  
URL: <https://ctan.org/pkg/bxorigcapt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxorigcapt>
- *The bxpapersize package. Synchronize output paper size with layout paper size.* 2022-04-29. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpapersize>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpapersize>
- *The bxpdfver package. Specify version and compression level of output PDF files.* 2022-04-30. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxpdfver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxpdfver>
- *The bxtexlogo package. Additional T<sub>E</sub>X-family logos.* 2022-05-05. Version 0.6. LICENSE: mit  
URL: <https://ctan.org/pkg/bxtexlogo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bxtexlogo>
- *The bxwareki package. Convert dates from Gregorian to Japanese calender.* 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 p<sub>T</sub>E<sub>X</sub> 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>
- Yato, Takayuki. *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 p<sub>T</sub>E<sub>X</sub>-extended TFM and VF.* 2021-11-07. Version 1.3.3. LICENSE: mit. This program provides functionality to process data files (JFM and VF) that form logical fonts used in . The functions currently available include:



- URL: <https://ctan.org/pkg/jfmutil>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/jfmutil>
- *The pxbase package. Tools for use with (u)pLaTeX.* 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.* 2023-02-21. Version 1.9a. 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: lppl1.3  
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: lppl1.3c. 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>h</sup>ppl1.3c. 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>h</sup>ppl1.3c  
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>h</sup>ppl  
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>h</sup>ppl1.3c. 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>h</sup>ppl1.3c. 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>h</sup>ppl1.3  
URL: <https://ctan.org/pkg/lplfitch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lplfitch>

— *The ptolemaicastronomy package. Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)*. 2019-05-01. Version 1.0. LICENSE: l<sup>h</sup>ppl1.3c  
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>h</sup>ppl  
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 LuaT<sub>E</sub>X*. 2018-06-24. Version 1.0. LICENSE: bsd  
URL: <https://ctan.org/pkg/kanaparser>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/kanaparser>

- Zaia, Emilio Augusto Lazo. *The elzcards package. Typeset business cards, index cards and flash cards easily.* 2019-08-17. Version 1.60. LICENSE: 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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/seminar>
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 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>
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 URL: <https://ctan.org/pkg/frame>  
 MIRROR: <https://mirror.ctan.org/macros/generic/frame>
- Zandt, Timothy Van and Herbert Voß. *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 `pspicture`. 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 `pst-tree`, 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>
- Zannarini, Emanuele and Mauro Sacchetto. *The l2tabu-italian package. Italian Translation of Obsolete packages and commands.* 2016-06-24. Version 2.3. LICENSE: other-free. Italian translation of the practical guide to L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub> (a list of obsolete packages and commands).  
URL: <https://ctan.org/pkg/l2tabu-italian>  
MIRROR: <https://mirror.ctan.org/info/l2tabu/italian>
- Zaretskii, Eli. *The djgpp package. DJGPP-based version of T<sub>E</sub>X for MS-DOS.* 2019-09-12. LICENSE: noinfo  
URL: <https://ctan.org/pkg/djgpp>  
MIRROR: <https://mirror.ctan.org/systems/msdos/djgpp>
- Zaslavsky, David. *The physymb package. Assorted macros for Physicists.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/physymb>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/physymb>
- Zavala, Roberto Alvarez. *The nahuatl package. Render nahuatl glyphs.* 2021-10-15. Version 0.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nahuatl>  
MIRROR: <https://mirror.ctan.org/fonts/nahuatl>
- Zedler, Michael and Michael Sharpe. *The FourierNC package. Use New Century Schoolbook text with Fourier maths fonts.* 2016-06-24. LICENSE: lppl. This package provides a L<sup>A</sup>T<sub>E</sub>X mathematics font setup for use with New Century Schoolbook text. In order to use it you need to have the fonts installed.  
URL: <https://ctan.org/pkg/fouriernc>  
MIRROR: <https://mirror.ctan.org/fonts/fouriernc>
- Zeman, Michal. *The fnspe package. Macros for supporting mainly students of FNSPE CTU in Prague.* 2017-09-20. Version 1.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/fnspe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnspe>
- Zeng, Xiangdong. *The emoji package. Emoji support in (Lua)LaTeX.* 2021-07-17. Version 0.2.2. LICENSE: lppl1.3c. This package allows users to typeset emojis in L<sup>A</sup>T<sub>E</sub>X documents. It requires the LuaHBTeX engine, which can be called by `lua` 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  
URL: <https://ctan.org/pkg/fduthesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fduthesis>
- Zeng, Xiangdong. *The firamath package. Fira sans serif font with Unicode math support.* 2020-10-15. Version 0.3.4. LICENSE: ofl. Fira Math is a sans-serif font with Unicode math support. The design of this font is based on and . Fira Math is distributed in OpenType format and can be used with the package under X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX. More support is offered by the package.  
URL: <https://ctan.org/pkg/firamath>  
MIRROR: <https://mirror.ctan.org/fonts/firamath>

- *The noto-emoji package*. Noto Emoji fonts. 2022-03-22. Version 2.034. LICENSE: ofl  
URL: <https://ctan.org/pkg/noto-emoji>  
MIRROR: <https://mirror.ctan.org/fonts/noto-emoji>
- *The twemoji-colr package*. Twemoji font in COLR/CPAL layered format. 2022-10-28. Version 0.7.0. LICENSE: cc-by-sa-4,apache2. This is a COLR/CPAL-based color OpenType font from the collection of emoji images.  
URL: <https://ctan.org/pkg/twemoji-colr>  
MIRROR: <https://mirror.ctan.org/fonts/twemoji-colr>
- *The zhlipsum package*. Chinese dummy text. 2020-04-26. Version 1.2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/zhlipsum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zhlipsum>
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