

# The CTAN Bibliography

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## 1 Bibliography data

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

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

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

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

Currently there are 6510 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	51	I	54	J	57
K	59	L	60	M	70	N	78	O	81	P	83	Q	94	R	95	S	98	T	107
U	118	V	121	W	123	X	124	Y	127	Z	128								

Package	Caption	Author	Page
<b>AAAAA</b>			
a0poster	Support for designing posters on large paper	Kettl, Weiser	282
a2ac	AFM to AFM plus Composites	Olšák	378
a2ping	Advanced PS, PDF, EPS converter	Szabó	473
a4	Support for A4 paper sizes	Poppelier, Braams	398
a4wide	”Wide” a4 layout	Holt, Lamy	262
a5comb	Support for a5 paper sizes	Wolczko	542
aaai-named	BibTeX style for AAAI	Patel-Schneider	388
aaai	AAAI style	Patel-Schneider	388
Aalok	L <sup>A</sup> T <sub>E</sub> X class file for the Marathi journal ‘Aalok’	Unknown	503
aastex	Macros for Manuscript Preparation for AAS Journals	AAS	132
abbr	Simple macros supporting abbreviations for Plain and L <sup>A</sup> T <sub>E</sub> X	Thành	487
abbrevs	Text abbreviations in L <sup>A</sup> T <sub>E</sub> X	Swift	469
abc	Support ABC music notation in L <sup>A</sup> T <sub>E</sub> X	Gregorio	239
abc2mtex	Notate tunes stored in ABC notation	Walshaw	532
abnt	Typesetting academic works according to ABNT rules	Cherem	178
abntex2	Typeset technical and scientific Brazilian documents based on ABNT rules	Araujo	134
abntexto	L <sup>A</sup> T <sub>E</sub> X class for formatting academic papers in ABNT standards	Abreu	129
Aboensis	A late medieval OpenType cursive font	Syrjänen	471
abraces	Asymmetric over-/underbraces in maths	Grundlingh	241
abspos	Absolute placement with coffins	Hetland	257
abstbook	Books of abstracts	Havlik	251
abstr-collect	Print a collection of abstracts	Balemi	139
abstract	Control the typesetting of the abstract environment	Robertson, Wilson	414
abstyles-babel	Adaptable styles for use with Babel	Bautista	144
abstyles-orig	Adaptable BibTeX styles	Bode	155
academicons	Font containing high quality icons of online academic profiles	Fernandes	212
accanthis	Accanthis fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
accenti	Extra accented character macros, designed for Italian	Bosisio	158
accents-cs	Create a VF for the accents used in Czech/Slovak	Zlatuska	557
accents	Multiple mathematical accents	Bezos López	322
accessibility	Create tagged and structured PDF files	Clifton	183
accfonts	Utilities to derive new fonts from existing ones	Smith	454
accsupp	Better accessibility support for PDF files	Oberdiek	370
achemso	Support for American Chemical Society journal submissions	Wright, Dahlgren	545
achicago-bst	Chicago Manual BibTeX style	Swift	469
achicago	Chicago Manual citations in L <sup>A</sup> T <sub>E</sub> X	Swift	469
acm	ACM document style	Leichter	315
acmart	Class for typesetting publications of ACM	Veytsman	518
acmconf	Class for ACM conference proceedings	Vollmer	523
acmproc	Style option for ACM proceedings	Lamport	310
acmtrans	Class and BibTeX style for ACM Transactions	Lamport, Appel, Boyland	310
acro	Typeset acronyms	Niederberger	364
acroflex	Create a graphing widget in a PDF file	Story	463
acromake	Make commands for acronyms	Thompson	495
AcroMemory	Memory games in L <sup>A</sup> T <sub>E</sub> X	Story	463
acronym	Expand acronyms at least once	Oetiker, Oberdiek	377

<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	282
acoreloadpdf	Reload-the-current-PDF utility for Adobe Reader on Unix systems	Grahn	235
AcroSort	Sort sliced image into order	Story	463
acroterm	Manage and index acronyms and terms	Voß	529
acrotex-js	JavaScript files used by acrotex and other packages	Story	464
acrotex-web	Establish a page layout for an on-screen (PDF) document	Story	464
acrotex	The AcroTeX education bundle	Story	463
acroweb	Scripts to create interactive tests from a database	Mařík	337
acs	L <sup>A</sup> T <sub>E</sub> X 2.09 support for Advances in Control Systems	Unknown	503
active-conf	Class for typesetting ACTIVE conference papers	Robertson	412
actuarialangle	Angle symbol denoting a duration in actuarial and financial notation	Goulet	234
actuarialsymbol	Actuarial symbols of life contingencies and financial mathematics	Goulet, Beauchemin	235
adami	A DOS system for working with Tamil	Srinivasan	459
add-wes	A "book" style for Addison-Wesley house style	Barton-Davis, Mansfield	143
addfont	Easier use of fonts without L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	274
addindex	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Gil	228
addliga	Access basic ligatures in legacy TrueType fonts	Miller	348
addlines	A user-friendly wrapper around \enlargethispage	Robertson	412
address	Generate form letters and address labels	Wester, Damrau	536
AddTeX2Eps	Use L <sup>A</sup> T <sub>E</sub> X syntax on EPS figures, within Mathematica	Slavič	453
addtoluatexpath	Add paths to Lua packages and input T <sub>E</sub> X files	Ewasiuk	208
adfathesis	Australian Defence Force Academy thesis format	Harker	250
adfor	OrnamentsADF font with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	407
adfsymbols	SymbolsADF with T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees	407
adhocfilelist	'\listfiles' entries from the command line	Lück	327
adigraph	Augmenting directed graphs	Cappelletti	170
adjmulticol	Adjusting margins for multicolumn and single column output	Veytsman	518
adjustbox	Graphics package-alike macros for "general" boxes	Scharrer	430
adobe-euro	Metric and map files for the Adobe Euro fonts	Unknown	503
adobecasl	Adobe Caslon font in L <sup>A</sup> T <sub>E</sub> X	Veytsman	518
adobeencoding	Adobe cmap and pdfmapping files	Adobe	129
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	236
adrconv	BibTeX styles to implement an address database	Kielhorn	284
adrlist	Using address lists in L <sup>A</sup> T <sub>E</sub> X	Spribille	459
adrtrees	Macros for drawing adpositional trees	Benini, Gobbo	150
advdate	Print a date relative to "today"	Wagner	530
Advice	Extend commands and environments	Živanović	556
ae	Virtual fonts for T1 encoded CMR-fonts	Engelbrechtsen	206
aeb-minitoc	Create mini-tocs	Story	464
aeb-mlink	Multi-line links with hyperref	Story	464
aeb-mobile	Format PDF files for use on a smartphone	Story	464
AeB Pro	Items from the AeB Pro Family of Software	Story	464
aeb-tilebg	AeB Tiling Backgrounds	Story	464
aeb_dad	A drag-and-drop matching game with PDF files	Story	464
aebenvelope	The AeB Pro eEnvelope System	Story	464
AeB slicing	An image slicer	Story	464
aebXMP	Add advanced metadata to PDF files	Story	464
aecc	Almost European Concrete Roman virtual fonts	Rivera	412
aeguill	Add several kinds of guillemets to the ae fonts	Roegel	417
aesupp	Special support for the æ character	Jørgensen	275
affilauthor	Tag author and affiliation information in a key-value style	P.	381
AFMtoPL (Clark)	Convert AFM files to PLs for use with dvitops	Clark	182
AFMtoPL (Elwell)	An early converter from AFM to PL	Elwell	206
AFMtopl (Wolczko)	Unix utilities for translating AFM files to PL	Wolczko	542
afparticle	Typesetting articles for Archives of Forensic Psychology	Veytsman	518

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
afterpackage	Add commands to package after it's loaded	Rozhenko	424
afterpage	Execute command after the next page break	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
afthesis	Air Force Institute of Technology thesis class	Young	551
aguplus	Styles for American Geophysical Union	Daly	189
aiaa	Typeset AIAA conference papers	Kleb	287
aichej	Bibliography style file for the AIChE Journal	Schaber	429
aifont	Remap Computer Modern fonts	Collins	185
ajl	BibTeX style for AJL	Nash	361
AkkTeX	A collection of packages and classes	Akkerman	130
akletter	Comprehensive letter support	Kielhorn	284
akshar	Support for syllables in the Devanagari script	Vũ	530
alatex	Abstract L <sup>A</sup> T <sub>E</sub> X	Swift	469
albatross	Find fonts that contain a given glyph	Island of TeX	268
alchemist	Typeset alchemist and astrological symbols	Buxbaum	168
alegreya	Alegreya fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
aleph	Extended T <sub>E</sub> X	Bilotta, T <sub>E</sub> XLive	153
alertmessage	Alert messages for L <sup>A</sup> T <sub>E</sub> X	Dupuis	201
AlfaSlabOne	The Alfa Slab One font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
alg	L <sup>A</sup> T <sub>E</sub> X environments for typesetting algorithms	Ulfberg	502
algobox	Typeset Algobox programs	Rivaud	411
algotrevied	A revival of Frutiger's Algol alphabet	Sharpe	445
algorithm2e	Floating algorithm environment with algorithmic keywords	Fiorio, Kokan	215
algorithmicx	The algorithmic style you always wanted	János	271
algorithms	A suite of tools for typesetting algorithms in pseudo-code	Brito, Williams	162
algpseudocodex	Package for typesetting pseudocode	Matt	340
algxpar	Support multiple lines of pseudocode	Moreira	354
aliascnt	Alias counters	Oberdiek	370
aligned-overset	Fix alignment at \overset or \underset	Krüger	303
alkalami	A font for Arabic-based writing systems in Nigeria and Niger	Tennent	482
allegno	Automatic numbering of all equations	Thornburg	495
allrunes	Fonts and L <sup>A</sup> T <sub>E</sub> X package for almost all runes	Werner	536
alltt	Everything in tt font, but obey commands and line endings	Lamport, Braams, L <sup>A</sup> T <sub>E</sub> X Team	310
alltt2	Indented version of alltt	Wolczko, Lamport	542
almendra	Almendra fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
almfixed	Arabic-Latin Modern Fixed extends T <sub>E</sub> X-Gyre Latin Modern Mono 10 Regular to full Arabic Unicode support	Hamid	245
alnumsec	Alphanumeric section numbering	Küster	307
alpha-persian	Persian version of alpha.bst	Shapour	445
alpha	Editor for the Macintosh with good T <sub>E</sub> X support	Keleher	280
alphabib	Add alphabetical headers into citations	Hilléreau	258
alphalph	Convert numbers to letters	Oberdiek	370
alphanum-bst	Modified alpha BibTeX style	Thomas	494
alphanum	Sectioning commands for jura	Braun	161
alphanumb	A modification of alpha.bst	Thomas	494
alterqcm	Multiple choice questionnaires in two column tables	Matthes, Syropoulos, Dimou	341
altfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	287
altnline	Line numbering in L <sup>A</sup> T <sub>E</sub> X 2.09	Fortune	219
altsubsup	Subscripts and superscripts with square brackets	Labbé	308
altverse	Typesetting verse	Shipunov	448
ama	AMA manual of style citations	Kort, Trickey	301
ametsoc	Official American Meteorological Society L <sup>A</sup> T <sub>E</sub> X Template	Papa, AMeteoS	386
amiri	A classical Arabic typeface, Naskh style	Hosny	263
amiweb2c-guide	How to install AmiWeb2c	Finnberg	215

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
amiweb2c	An Amiga port of web2C	Scherer	432
ams-cd	AMSTeX Commutative Diagrams for L <sup>A</sup> T <sub>E</sub> X	Hankerson	246
ams2bib	Convert AMS-TeX style bibliography entries to BibTeX	Werschulz	536
amsaddr	Alter the position of affiliations in amsart	Lelong	316
amsart	L <sup>A</sup> T <sub>E</sub> X document class for AMS math journal articles	The AMS	487
amsbook	L <sup>A</sup> T <sub>E</sub> X document class for AMS books	The AMS	487
amsbsy	Produce bold math symbols (AMS-LaTeX)	L <sup>A</sup> T <sub>E</sub> X Team	489
amscd	AMS-L <sup>A</sup> T <sub>E</sub> X commutative diagrams	L <sup>A</sup> T <sub>E</sub> X Team	489
amscdx	Enhanced commutative diagrams	Vermeer	517
amscls-doc	User documentation for AMS document classes	The AMS	487
amscls	AMS document classes for L <sup>A</sup> T <sub>E</sub> X	The AMS	487
amsfonts	TeX fonts from the American Mathematical Society	The AMS	487
amslatex-primer	Getting up and running with AMS-LaTeX	Hirschhorn	258
amslatex	Mathematical enhancements for L <sup>A</sup> T <sub>E</sub> X	The AMS	487
amslatexdoc-vie...	Vietnamese translation of AMSL <sup>A</sup> T <sub>E</sub> X documentation	Huynh	266
amsltx11	AMS-LaTeX, original version (obsolete)	The AMS	488
amsmath-it	Italian translations of some old amsmath documents	Ferrante, de Bari	212
amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	489
amsidx	Support for multiple indexes in AMS Classes	The AMS	488
amsopn	Typeset mathematical operator names	L <sup>A</sup> T <sub>E</sub> X Team	489
amspell	ASCII and L <sup>A</sup> T <sub>E</sub> X spell checker	Merckens, Frambach	346
amsppt	AMS-TeX article preprint document style	The AMS	488
amsppt1	AMS-TeX v.2 compatibility for amsppt.sty v.1	The AMS	488
amsproc	L <sup>A</sup> T <sub>E</sub> X document class for AMS conference proceedings	The AMS	488
amsrefs	A L <sup>A</sup> T <sub>E</sub> X-based replacement for BibTeX	The AMS, Downes, Jones	488
amstex	American Mathematical Society plain T <sub>E</sub> X macros	The AMS	488
amstext	Typeset text fragments in mathematics	L <sup>A</sup> T <sub>E</sub> X Team	490
amsthm	Typesetting theorems (AMS style)	The AMS	488
analogclock	An analog ticking clock package for PDF output	Randez	405
andika	andika fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	482
animate	Create PDF and SVG animations from graphics files and inline graphics	Grahn	235
anleitung	Using L <sup>A</sup> T <sub>E</sub> X with MikTeX, including TrueType fonts	Weissenburger	535
annee-scolaire	Automatically typeset the academic year (French way)	Henel	254
annot-pro	Create text, stamp and file attachment annotations	Story	464
annotate-equations	Easily annotate math equations using TikZ	John	274
annotate	A bibliography style with annotations	Unknown	503
annotation-pkg	Suppress or permit annotations to a document	Hofmann	260
annotation	A BibTeX style that processes annotations	Unknown	503
anonchap	Make chapters be typeset like sections	Robertson, Wilson	414
anonymous-acm	Typeset anonymous versions for ACM articles	Becker	147
AnonymousPro	Use AnonymousPro fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	207
ans	Answers and solutions, for L <sup>A</sup> T <sub>E</sub> X 2.09	Wells	535
answers	Setting questions (or exercises) and answers	Wright, Piff	545
ant-worker-tasks	Apache ANT Tasks for T <sub>E</sub> X and PDF	Niedermair	366
ant	A typesetting system inspired by T <sub>E</sub> X	Blumensath	155
antanilipsum	Generate sentences in the style of “Amici miei”	Coleman	184
anti	Typeset an anti-particle in maths mode	Holmes	262
antique-spanish...	A short document about antique spanish units	Merino Hernández	256
antomega	Alternative language support for Omega/Lambda	Kryukov	304
antp	Antykwa Półtawskiego: a Type 1 family of Polish traditional type	Nowacki	369
antt	Antykwa Toruńska: a Type 1 family of a Polish traditional type	Nowacki	369
antttvf	Virtual fonts for PostScript Antykwa Toruńska font	Wierzbiński	538
ANUfinalexam	L <sup>A</sup> T <sub>E</sub> X document shell for ANU final exam	Kam	277
anyfontsize	Select any font size in L <sup>A</sup> T <sub>E</sub> X	Szabó	473

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
anysize	A simple package to set up document margins	Esser	207
aobs-tikz	TikZ styles for creating overlaid pictures in beamer	Fiandrino	213
aomart	Typeset articles for the Annals of Mathematics	Veytsman	518
apa	American Psychological Association format	Protopapas	400
apa6	Format documents in APA style (6th edition)	Beitzel	149
apa6e	Format manuscripts to APA 6th edition guidelines	Smith	454
apa7	Format documents in APA style (7th edition)	Weiss	535
apabst	Early APA BibTeX style	Rogers	418
apacite	Citation style following the rules of the APA	Meijer	345
apalike-ejor	A BibTeX style file for the European Journal of Operational Research	Rumpf	426
apalike-german	A copy of apalike.bst with German localization	Braun	161
apalike2	Bibliography style that approaches APA requirements	Reiser, Ho	409
apasoft	An APA-like style for BibTeX	Porr	398
apeqnum	Number equations by appendix	Hosek	262
apl	Fonts for typesetting APL programs	Hohti, Kanerva	261
aplweb	Literate programming in APL	Schweigert	442
apnum	Arbitrary precision numbers implemented by TeX macros	Olšák	378
appelt-chess	Chess board macros using standard fonts	Unknown	504
appendix	Extra control of appendices	Robertson, Wilson	414
appendixnumberb...	Manage frame numbering in appendixes in beamer	Lelong	316
apprendre-a-pro...	The book “Apprendre à programmer en TeX”	Tellechea	481
appends-latex	Appends L <sup>A</sup> T <sub>E</sub> X!	Baudoin	143
apptools	Tools for customising appendices	Kuhnert	306
apxproof	Proofs in appendix	Senellart	444
ar	Capital A and capital R ligature for Aspect Ratio	Beccari	144
arabi-add	Using hyperref and bookmark packages with arabic and farsi languages	Lakhdar	309
arabi	(La)TeX support for Arabic and Farsi, compliant with Babel	Jabri	268
arabic-book	An Arabic book class	Alziyadi	132
arabic	Read a lower-case roman number	Selberg	443
arabicfront	Frontmatter with arabic page numbers	Bezoz López	322
arabluatex	ArabTeX for LuaLaTeX	Alessi	130
arabtex	Macros and fonts for typesetting Arabic	Lagally	309
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	176
aramaic-serto	Fonts and L <sup>A</sup> T <sub>E</sub> X for Syriac written in Serto	Heinecke	252
aramaic	Fonts for Aramaic script	Wilson	539
arara	Automation of L <sup>A</sup> T <sub>E</sub> X compilation	Cereda	175
arbeit	Typeset classwork exercises	Burkhardt	166
archaeologie	A citation-style which covers rules of the German Archaeological Institute	Bossert	158
archaic	A collection of archaic fonts	Wilson, Zimmermann, Syropoulos	542
Archivo	The Archivo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
arcs	Draw arcs over and under text	Boggio-Togna	155
arev	Fonts and L <sup>A</sup> T <sub>E</sub> X support files for Arev Sans	Hartke	250
argumentation	Create abstract argumentation frameworks via TikZ	Bengel	150
arimo	Arimo sans serif fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
arlatex	A L <sup>A</sup> T <sub>E</sub> X-based archiver	Pakin	382
armtex	A system for writing in Armenian with TeX and L <sup>A</sup> T <sub>E</sub> X	Dachian, Dalalyan, Akopian	188
armymemo	A document class for Army memorandums in accordance with AR 25-50	Sharpsten	448
aro-bend	Exercises in TeX, with answers	Downes	197
arosgn	Support for the Bengali language	Ali	132
around-the-bend	Typeset exercises in TeX, with answers	Downes, Wilson	197



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
arphic-ttf	TrueType version of Chinese Arphic fonts	Yamashita	547
arphic	Arphic (Chinese) font packages	Lemberg	317
array	Extending the array and tabular environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
arraycols	New column types for array and tabular environments	Missier	349
arrayjob	Array data structures for (La)TeX	Sharpe, Jiang	447
arrayjobx	Array data structures for (La)TeX	Sharpe, Jiang	447
Array Maker	A program for making L <sup>A</sup> T <sub>E</sub> X and xypic arrays	Arapura	134
arraysort	Sort arrays (or portions of them)	Lee	314
arrow	Eplain macros for commutative diagrams	Smith	454
ArsClassica	A different view of the ClassicThesis package	Pantieri	386
arsenal	Open Type font by Andrij Shevchenko	Veytsman	518
artex	Make filecontents environments of non-standard files or packages	Efford	203
article	Default class for composing an article	L <sup>A</sup> T <sub>E</sub> X Team	490
articleingud	L <sup>A</sup> T <sub>E</sub> X class for articles published in INGENIERIA review	Morales	353
artthreads	Support for article threads	Story	464
Arvo	The Arvo font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
arXivBib	Get bibliography entries from arXiv.org	Forkosh	219
arydshln	Draw dash-lines in array/tabular	Nakashima	361
asaetr	Transactions of the ASAE	Pearson	388
asana-math	A font to typeset maths in Xe(La)TeX and Lua(La)TeX	Syropoulos	471
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	227
asc2tex	Retrieve text from screenshots	Götz	234
ascelike	Bibliography style for the ASCE	Kuhn	306
ascii-chart	An ASCII wall chart	Eijkhout	204
ascii-cyrillic	A Latin alphabet representation of Cyrillic	Siebenmann	450
ascii-font	Use the ASCII “font” in L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Nickalls	473
asciilist	Environments AsciiList and AsciiDocList for prototyping nested lists in L <sup>A</sup> T <sub>E</sub> X	Grewé	240
ascmac	Boxes and picture macros with Japanese vertical writing support	Japanese T <sub>E</sub> X Team	271
askinclude	Interactive use of \includeonly	Straub, Oberdiek	467
askmaps	Typeset American style Karnaugh maps	op den Brouw	163
asmeconf	A L <sup>A</sup> T <sub>E</sub> X template for ASME conference papers	Lienhard	319
asmejour	A template for ASME journal papers	Lienhard	319
aspectratio	Capital A and capital R ligature for Aspect Ratio	Beccari	145
aspell	Spell checker	Atkinson	138
assignment	A class file for typesetting homework and lab assignments	Singh	452
assoccnt	Associate counters, making them step when a master steps	Hupfer	265
association-matrix	L <sup>A</sup> T <sub>E</sub> X support for creating association matrices	Unknown	504
asternote	Annotation symbols enclosed in square brackets and marked with an asterisk	Kusakabe	307
astro	Astronomical (planetary) symbols	Schmitt	436
astron	BibTeX style for astronomical journals	Hogeveen	261
astyped	Verbatim environment, with rather few escapes	Unknown	504
asyfig	Commands for using Asymptote figures	Robertson	413
asymptote-by-ex...	Asymptote by example	Unknown	504
asymptote-faq-z...	Asymptote FAQ (Chinese translation)	Unknown	504
asymptote-manua...	A Chinese translation of the asymptote manual	Unknown	504
asymptote	2D and 3D T <sub>E</sub> X-Aware Vector Graphics Language	Bowman, Hammerlindl	159
asypictureB	User-friendly integration of Asymptote into L <sup>A</sup> T <sub>E</sub> X	Staats III	267
at	Short commands starting ‘@’	Wooding	543
atari-cstex	TeX for Atari machines	Brandt	160
atbegshi	Execute stuff at \shipout time	Oberdiek	370
atenddvi	Provides the \AtEndDvi command	Oberdiek	370
atendofenv	Add a custom symbol at the end of an environment	Zhou	556
atkinson	Support for the Atkinson Hyperlegible family of fonts	Tennent	482

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
attachfile	Attach arbitrary files to a PDF document	Pakin	382
attachfile2	Attach files into PDF	Oberdiek	370
attrib	Attribution of block quotations in L <sup>A</sup> T <sub>E</sub> X	Swift	469
atveryend	Hooks at the very end of a document	Oberdiek	370
aucklandthesis	Memoir-based class for formatting University of Auckland masters' and doctors' theses	Kwan	308
auctex	Emacs support files for T <sub>E</sub> X	The AUCTeX Team, Thorup, Abrahamsen	488
augie	Calligraphic font for typesetting handwriting	Schmidt, Harcombe	434
auncial-new	Artificial Uncial font and L <sup>A</sup> T <sub>E</sub> X support macros	Wilson	539
auncial	Artificial Uncial manuscript book-hand font	Wilson	539
aurical	Calligraphic fonts for use with L <sup>A</sup> T <sub>E</sub> X in T1 encoding	Gollwitzer	232
aurl	Extends the hyperref package with a mechanism for hyperlinked URLs abbreviated with prefixes	Höfner	260
aurora	Header files for dvips to make colour separations	Freeman	221
authblk	Support for footnote style author/affiliation	Daly	189
authoraftertitle	Make author, etc., available after \maketitle	Bilger	153
authorarchive	Adds self-archiving information to scientific papers	Brucker	164
authordate	Author/date style citation styles	Rhead	410
authorindex	Index citations by author names	Wettstein	536
auto-pst-pdf-lua	Using LuaL <sup>A</sup> T <sub>E</sub> X together with PostScript code	Voß	524
auto-pst-pdf	Wrapper for pst-pdf (with some psfrag features)	Robertson	413
auto1	L <sup>A</sup> T <sub>E</sub> X support for Underware Auto 1 fonts	Schlömer	433
autoalign	Align terms and members in math expressions	Tellechea	481
autobreak	Simple line breaking of long formulae	Ueda	502
autoconf	Autoconf macros to test for the presence of L <sup>A</sup> T <sub>E</sub> X	Mathieu	339
autofancyhdr	Automatically compute headlength for fancyhdr package	Baghban	139
AutoLaTeX	Automate compilation of large scale L <sup>A</sup> T <sub>E</sub> X projects	Galland	224
autolist	More lists	Shipunov	448
automagic	Automagic numbering in Plain T <sub>E</sub> X	Unknown	504
automata	Finite state machines, graphs and trees in MetaPost	Puppis	400
automatica	A harvard-family BibTeX style	Balemi	140
autonum	Automatic equation references	Häcker	243
autopdf	Conversion of graphics to pdfLaTeX-compatible formats	Wette	536
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	493
autopuncitems	Automatically punctuate lists	Ewasiuk	208
autosps	A Preprocessor that generates note-spacing commands for MusiXTeX scores	Tennent	482
autotab	Generating tabulars from input data	Kruljac	304
autotoc	Table of contents in Plain T <sub>E</sub> X	Unknown	504
autotype	A LuaL <sup>A</sup> T <sub>E</sub> X package for automatic language-specific typography	Wehr	534
autoview	Maintain a Ghostscript view of emacs buffer	Goel	231
auxhook	Hooks for auxiliary files	Oberdiek	370
avremu	An 8-Bit Microcontroller Simulator written in L <sup>A</sup> T <sub>E</sub> X	Dietrich	194
aweb	Web system for programs written in Ada	Schweigert	442
awesomebox	Draw admonition blocks in your documents, illustrated with FontAwesome icons	Deparis	193
axessibility	Access to formulas in PDF files by assistive technologies	Coriasco, Murru	186
axodraw	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Vermaseren	517
axodraw2	Feynman diagrams in a L <sup>A</sup> T <sub>E</sub> X document	Collins, Vermaseren	185
<b>BBBBB</b>			
b1encoding	L <sup>A</sup> T <sub>E</sub> X encoding tools for Bookhands fonts	Wilson	539
babel-albanian	Support for Albanian within babel	Bezos López, Braams	324
babel-azerbaijani	Support for Azerbaijani within babel	Bezos López	322
babel-bahasa	Support for Bahasa within babel	Knappen, Mart, Braams	293



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-basque	Babel contributed support for Basque	Aguirregabiria, Zubia Garea	130
babel-belarusian	Babel support for Belarusian	Novodvorsky, Shadura	369
babel-bosnian	Babel contrib support for Bosnian	Halilčević	245
babel-breton	Babel contributed support for Breton	Rolland	419
babel-bulgarian	Babel contributed support for Bulgarian	Boshnakov, Bezos López, Braams	158
babel-catalan	Babel contributed support for Catalan	Badenes Guia, Ortega, Mas Casals	241
babel-contrib	Contributed language-support files for Babel	various authors	515
babel-croatian	Babel contributed support for Croatian	Paić, Kokan	382
babel-czech	Babel support for Czech	Bezos López, Braams	324
babel-danish	Babel contributed support for Danish	Bezos López, Braams	324
babel-dutch	Babel contributed support for Dutch	Bezos López, Braams	324
babel-english	Babel support for English	Bezos López, Braams	324
babel-esperanto	Babel support for Esperanto	Bezos López, Braams, Martí	325
babel-estonian	Babel support for Estonian	Vajakas, Saar	513
babel-finnish	Babel support for Finnish	Bezos López, Braams	324
babel-french	Babel contributed support for French	Flipo	216
babel-friulan	Babel/Polyglossia support for Friulan(Furlan)	Beccari	145
babel-galician	Babel/Polyglossia support for Galician	Música de Rivera	411
babel-georgian	Babel support for Georgian	Shoshiashvili, Lemberg	449
babel-german	Babel support for documents written in German	Raichle, Braams, Spitzmüller	404
babel-greek	Babel support for the Greek language and script	Syropoulos, Bezos López, Braams, Milde	473
babel-hebrew	Babel support for Hebrew	Bezos López, Braams, Lavva, Rosendahl, Fogiel	325
babel-hungarian	Babel support for Hungarian (Magyar)	Szabó	473
babel-icelandic	Babel support for Icelandic	Árnason, Braams, Bezos López	134
babel-indonesian	Support for Indonesian within babel	Knappen, Mart, Braams, Bezos López	293
babel-interlingua	Babel support for Interlingua	Bezos López, Braams	324
babel-irish	Babel support for Irish	Bezos López, Braams	324
babel-italian	Babel support for Italian text	Bezos López, Braams, Beccari, Codogno	325
babel-japanese	Babel support for Japanese	Ing, Japanese T <sub>E</sub> X Team	267
babel-kurmanji	Babel support for Kurmanji	Bezos López, Braams	324
babel-latin	Babel support for Latin	Wehr, Bezos López, Braams, Beccari	535
babel-latvian	Babel support for Latvian	Lasis, Bezos López	312
babel-lithuanian	Babel support for documents written in Lithuanian	Tolušis	497
babel-macedonian	Babel module to support Macedonian Cyrillic	Trajanovski	498
babel-malay	Support for Malay within babel	Knappen, Mart, Braams, Bezos López	293
babel-norsk	Babel support for Norwegian	Bezos López, Braams	324
babel-occitan	Babel support for Occitan	Valmary	514
babel-piedmontese	Babel support for Piedmontese	Beccari	145
babel-polish	Babel support for Polish	Bezos López, Braams, Schalück, Janich, Woliński	325
babel-portuges	Babel support for Portuges	Bezos López, Braams	324
babel-romanian	Babel support for Romanian	Bezos López, Braams, Horst, Juhasz	325
babel-romansh	Babel/Polyglossia support for the Romansh language	Beccari	145
babel-russian	Russian language module for Babel	Kotelnikov	301

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
babel-samin	Babel support for Samin	Bezós López, Braams, Jernsletten	325
babel-scottish	Babel support for Scottish Gaelic	Bezós López, Braams	324
babel-serbian	Babel/Polyglossia support for Serbian	Bezós López, Braams, Stefanović	325
babel-serbianc	Babel module to support Serbian Cyrillic	Brčić, Stefanović	161
babel-slovak	Babel support for typesetting Slovak	Bezós López, Braams, Chlebíková, Tesařík	325
babel-slovenian	Babel support for typesetting Slovenian	Bezós López, Braams	325
babel-sorbian	Babel support for Upper and Lower Sorbian	Bezós López, Braams, Werner	325
babel-spanglish	Simplified Spanish support for Babel	Rivera	412
babel-spanish	Babel support for Spanish	Bezós López, Sanchez	326
babel-swedish	Babel support for typesetting Swedish	Bezós López, Braams, Hellman	325
babel-thai	Support for Thai within babel	Karoonboonyanan	279
babel-turkish	Babel support for Turkish documents	MacKay, Burc, Bezós López	334
babel-ukrainian	Babel support for Ukrainian	Braams, Ponomarenko	160
babel-vietnamese	Babel support for typesetting Vietnamese	Lemberg, Kotucha, Bezós López	317
babel-welsh	Babel support for Welsh	Braams, Bezós López	160
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	324
babelbib	Multilingual bibliographies	Harders, Preining	249
babeltools	Tools for dealing with Babel annoyances	Bezós López	322
babylonianum	Typeset Babylonian numerals with XeT <sub>E</sub> X	Pinson	395
backgrnd	Mark text with grey background or change bar	Schmitt	436
background	Placement of background material on pages of a document	Medina Arellano	134
backnaur	Typeset Backus Naur Form definitions	Robson	416
backref	Make hyper-references back from bibliography to citation	Oberdiek	370
backrefx	Bibliographical back referencing	Els	205
badge	Print badge labels	van Oostrum	379
baekmuk	Baekmuk Korean TrueType fonts	Kim, Lemberg	286
bagpipe	Support for typesetting bagpipe music	Innis	267
bahyph	Hyphenation for Basque	Aguirregabiria	130
bakoma-fonts	Computer Modern and AMS fonts in outline form	Malyshev	336
bakoma-games	BaKoMa modules for music and games	Malyshev	336
bakoma-mac	A BaKoMa system for the Macintosh	Malyshev	336
bakoma	A T <sub>E</sub> X distribution for MS-Windows VISTA/XP/2000	Malyshev	336
balance	Balanced two-column mode	Daly	189
balanced	Balance double-column sections in L <sup>A</sup> T <sub>E</sub> X	Unknown	504
balancedquotes	Code balanced quotes according to document language	Selberg	443
bangla	A comprehensive Bangla L <sup>A</sup> T <sub>E</sub> X package	Hossain	264
bangorcsthesis	Typeset a thesis at Bangor University	Gray	237
bangorexam	Typeset an examination at Bangor University	Gray	237
bangtex	Writing Bangla and Assamese with L <sup>A</sup> T <sub>E</sub> X	Pal	385
bankstatement	A L <sup>A</sup> T <sub>E</sub> X class for bank statements based on csv data	Kleber	288
bar	A patched version of bar.sty	Bleser, Lang	154
barcodes-vulis	A font for making barcodes	Vulis	530
barcodes	Fonts for making barcodes	Willadt	538
bard	Celtic bardic runes font	Lüddecke	330
bardi	Hyphenation and babel support for Bardi	Bowern	159
bardiag	L <sup>A</sup> T <sub>E</sub> X package for drawing bar diagrams	Stepanyan	462
bargraph-js	Create bar graphs using form fields and JavaScript	Story	464
barkom	A package for bar charts in L <sup>A</sup> T <sub>E</sub> X	Bleser, Lang	154
barracuda	Draw barcodes with Lua	Giacomelli	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bartel-chess-fonts	A set of fonts supporting chess diagrams	Bartel, Preining	142
base	Definitive source of Plain $\TeX$ on CTAN	Knuth	293
bashful	Invoke bash commands from within $\LaTeX$	Gil	228
bashkirian	Bashkirian extension to OT2 fonts	Knappen	291
basicarith	Macros for typesetting basic arithmetic	Goodman	232
BasicLaTeX-ru	An introduction to $\LaTeX$ , in Russian	Kuznetsov	308
basix	A BASIC interpreter written in $\TeX$	Greene	238
baskervaldadf	Baskervald ADF fonts collection with $\TeX$ / $\LaTeX$ support	Rees	407
baskervaldx	Extension and modification of BaskervaldADF with $\LaTeX$ support	Sharpe	445
baskervillef	Fry's Baskerville look-alike, with math support	Sharpe	445
basque-book	Class for book-type documents written in Basque	Ibarra	266
basque-date	Print the date in Basque	Ibarra	266
bath-bst	Harvard referencing style as recommended by the University of Bath	Ball	140
	Library		
battleship	A $\LaTeX$ style file for typesetting Battleship logic puzzles	Kleber	288
baum	Trees, using PicTeX	Unknown	504
bbcard	Bullshit bingo, calendar and baseball-score cards	McPhee	344
bbding	A symbol (dingbat) font and $\LaTeX$ macros for its use	Neergaard, Horák	362
bbfig	Calculate and print bounding box	Batchelder, Cosell	143
bb12html	Convert a $\LaTeX$ .bbl file to formatted html code	Blok	154
bbm-macros	$\LaTeX$ support for "blackboard-style" cm fonts	Hilbrich	257
bbm	"Blackboard-style" cm fonts	Robert	412
bbold-type1	An Adobe Type 1 format version of the bbold font	Horn, Hosny	262
bbold	Sans serif blackboard bold	Jeffrey	272
bboldx	Extension of the bbold package with a Blackboard Bold alphabet	Sharpe	445
bbs	Bibliography style for Behavioral and Brain Sciences	Rogers	418
bchart	Draw simple bar charts in $\LaTeX$	Kuhn	306
bclogo	Creating colourful boxes with logos	Chupin	181
bdfchess	Typeset correspondence chess games	Hassel	250
beamer-fuberlin	Beamer, using the style of FU Berlin	Voß	524
beamer-rl	Right to left presentation with beamer and babel	Bou	159
beamer-tut-pt	An introduction to the Beamer class, in Portuguese	Campani	170
beamer-verona	A theme for the beamer class	Valbusa	514
beamer	A $\LaTeX$ class for producing presentations and slides	Miletić, Wright, Unknown, Stuart, Tantau	348
beamer2thesis	Thesis presentations using beamer	Fiandrino	213
beamerappendixnote	Create notes on appendix frames in beamer	Semken	444
beameraudience	Assembling beamer frames according to audience	Marschall	338
beamerauxtheme	Supplementary outer and inner themes for beamer	Stuart	468
beamercolorthem...	A flexible beamer color theme to maximize visibility	Churchley	182
beamerdarkthemes	Dark color themes for beamer	Thiriet	494
beamerposter	Extend beamer and a0poster for custom sized posters	Dreuw, Deselaers	198
beamersubframe	Reorder frames in the PDF file	Kaufmann	280
beamerswitch	Convenient mode selection in Beamer documents	Ball	140
beamertheme-arg...	Simple, typographic beamer theme	Piazzai	392
beamertheme-cuerna	A beamer theme with 4 colour palettes	Ochoa	377
beamertheme-det...	A beamer theme designed for use in the University of Leeds	Mielczarek	347
beamertheme-epyt	A simple and clean theme for $\LaTeX$ beamer class	Hu	264
beamertheme-focus	A minimalist presentation theme for $\LaTeX$ Beamer	Africa	130
beamertheme-light	A minimal beamer style	Vergnet, Goepp	516
beamertheme-met...	A modern $\LaTeX$ beamer theme	Vogelgesang	523
beamertheme-npbt	A collection of $\LaTeX$ beamer themes	Markgraf	338
beamertheme-phn...	A simple beamer theme	Ol	378
beamertheme-pur...	A minimalistic presentation theme for $\LaTeX$ Beamer	Clasen	182

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
beamertheme-rai...	A beamer colour theme which alternates theme colours on every frame	Unknown	504
beamertheme-sai...	A beamer theme that incorporates colours and fonts of Saint Petersburg State University	Gankevich	225
Beamertheme-Sim...	Template for a simple presentation	Huang	265
beamertheme-Sim...	A simple and clean theme for L <sup>A</sup> T <sub>E</sub> X beamer	Huang	265
beamertheme-tco...	A beamer inner theme which reproduces standard beamer blocks using tcolorboxes	Unknown	504
beamertheme-trigon	A modern, elegant, and versatile theme for Beamer	Lambert	309
beamertheme-upe...	Beamer themes for Boston College and the University of Pennsylvania	Strasser	467
beamerthemeAmur...	A new modern beamer theme	Chupin	181
beamerthemeJLTree	Contributed beamer theme	Lelong	316
beamerthemelalic	A beamer theme for LALIC	Moreira	354
beamerthemenirma	A Beamer theme for academic presentations	Revar	410
beamerthemeNord	A simple beamer theme using the “Nord” color theme	Wang	532
beamerthemetamu	A beamer theme for Texas A&M University	Zhao	555
bearwear	Shirts to dress TikZbears	Fischer	216
beaulivre	Write your books in a colorful way	XU	546
beautybook	A beautiful book template for maths and science	Lu	327
Beebe-DVI	A modular collection of DVI processors	Beebe	147
begingreek	Greek environment to be used with pdfL <sup>A</sup> T <sub>E</sub> X only	Beccari	145
beginlatex	A beginner’s guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	218
begriff	Typeset Begriffschrift	Parsons	387
beilstein	Support for submissions to the “Beilstein Journal of Nanotechnology”	Sievers, Beilstein-Institut	451
beletter	Typeset Belgian letters	Kilfiger, Lenaerts	285
belleck	Free replacement for basic MathTime fonts	Kinch	287
bellmac	Outline scheme for form letter production	Bell	149
Bengali Omega	Bengali in Velthuis transliteration or in UTF-8	Raut	406
bengali-pandey	Support for the Bengali language	Pandey, Das	385
bera	Bera fonts	Rosenau, Dirr, Schmidt	421
berenisadf	Berenis ADF fonts and T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X support	Rees, Harendal	407
besjournals-bst	Bibliographies suitable for British Ecological Society journals	DeSouza	193
bestpapers	A BibTeX package to produce lists of authors’ best papers	Veytsman	518
betababel	Insert ancient greek text coded in Beta Code	Berkemeier	151
beton	Use Concrete fonts	Jensen	273
beuron	The script of the Beuronese art school	Wehr	534
bewerbung	Typesetting job applications	Hilbig	257
bez123	Support for Bezier curves	Robertson, Wilson	414
bezierplot	Approximate smooth function graphs with cubic bezier splines for use with TikZ or MetaPost	Romer	419
bfh-ci	Corporate Design for Bern University of Applied Sciences	Peischl	390
bfsymb	Generate bold symbols in Plain T <sub>E</sub> X mathematics	Münch	357
bg	Annotate backgammon matches and positions	Richter	410
bghyphen	Hyphenation patterns for Bulgarian	Boshnakov	158
bgreek	Using Beccari’s fonts in betacode for classical Greek	Rivera	412
bgteubner	Class for producing books for the publisher “Teubner Verlag”	Harders	248
bguq	Improved quantifier stroke for Begriffschrift packages	Green	238
BHCexam	An exam class for mathematics teachers in China	Bao	141
bib-fr	French translation of classical BibTeX styles	Markey	338
bib-greek	A BibTeX style for Greek documents	Syropoulos	471
bib2dvi	Generate a DVI file from a Bibliography file	Frederiks	221
bib2gls	Command line application to convert .bib files to glossaries-extra.sty resource files	Talbot	474
bib2m1	BibTeX to HTML/SQL/XML translator	Galland	224
bib2xhtml	Convert BibTeX Files into XHTML	Spinellis, Hull	457

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
BibArts	“Arts”-style bibliographical information	Baumann	144
bibbuild	A bibliography builder for FileMaker Pro 7	Harrod	250
bibcard	An XView based interface for BibTeX databases	Grossniklaus, Ogden	241
bibcheck	Check on references to items in thebibliography	Radhakrishnan, Rajagopal	402
bibclean	A BibTeX prettyprinter, verifier, etc	Beebe	147
bibcop	Style checker for .bib files	Bugayenko	165
bibdb	BibTeX bibliography manager for MS-Windows and MS-DOS	Doron	197
bibentry	Full bibliography entries in the main text of a document	Daly	189
biber-cygwin	Biber binaries for Cygwin on Windows	Brown, Kime	163
biber-freebsd	Biber binaries for FreeBSD	Kime, Lečić	287
biber-linux-aar...	Biber binaries for Linux_aarch64	Krumeich	304
biber-linux-musl	Biber binaries for Linux-MUSL	Kime, Krumeich	287
biber-linux	Biber binaries for Linux	Kime	286
biber-macos	Biber binaries for MacOS	Kime	286
biber-ms-linux	Biber (multiscript) binaries for Linux	Kime	286
biber-ms-macos	Biber (multiscript) binaries for MacOS	Kime	286
biber-ms-windows	Biber (multiscript) binaries for Windows	Kime	286
biber-ms	A BibTeX replacement for users of BibLaTeX (multiscript version)	Kime, Charette	286
biber-solaris	Biber binaries for Solaris	Syropoulos, Kime	473
biber-windows	Biber binaries for Windows	Kime	286
biber	A BibTeX replacement for users of BibLaTeX	Kime, Charette	286
Bibex	Automatic extraction of references from BibTeX databases	Guéhéneuc	241
bibexport	Extract a BibTeX file based on a .aux file	Markey	338
bibextract	Utilities to extract BibTeX data	Beebe	147
bibfile-reforma...	Puts .bib file page ranges into uniform format	Pearlmutter	388
bibfilex	A free bibliographic manager for BibLaTeX	Nardello	361
bibfind	Prints entries in your bib file that match search string	Breivik	162
bibhtml	BibTeX support for HTML files	Gray	237
bibindex	Index BibTeX files for fast searching	Erickson, Beebe	207
biblatex-abnt	BibLaTeX style for Brazil’s ABNT rules	Marques	338
biblatex-ajc202...	BibLaTeX style for the Australasian Journal of Combinatorics	Avdeev	138
biblatex-anonymous	A tool to manage anonymous work with BibLaTeX	Rouquette	422
biblatex-apa	BibLaTeX citation and reference style for APA	Kime	286
biblatex-apa6	BibLaTeX citation and reference style for APA 6th Edition	Kime	286
biblatex-archae...	A collection of BibLaTeX styles for German prehistory	Braun	161
biblatex-arthis...	BibLaTeX citation style covers the citation and bibliography guidelines for art historians	Bossert, Kemper	159
biblatex-author...	Author-year style with compact multiple-reference-citations and ibidem mechanism for BibLaTeX	Titz	496
biblatex-bath	Harvard referencing style as recommended by the University of Bath Library	Ball	140
biblatex-bookin...	Manage book edited in article	Rouquette	422
biblatex-bookin...	Manage book edited in other entry type	Rouquette	422
biblatex-bwl	BibLaTeX citations for FU Berlin	Voß	524
biblatex-casper...	A simple citation style for Chinese users	Vector	516
biblatex-cheats...	BibLaTeX/Biber ‘cheat sheet’	Rees	407
biblatex-chem	A set of BibLaTeX implementations of chemistry-related bibliography styles	Wright	544
biblatex-chicago	Chicago style files for BibLaTeX	Fussner	223
biblatex-claves	A tool to manage claves of old literature with BibLaTeX	Rouquette	422
biblatex-cv	Create a CV from BibTeX files	Shub	449
biblatex-dw	Humanities styles for BibLaTeX	Waßenhoven	533
biblatex-enc	BibLaTeX style for the École nationale des chartes (Paris)	Camps	170
biblatex-ext	Extended BibLaTeX standard styles	Wemheuer	535
biblatex-fiwi	BibLaTeX styles for use in German humanities	Spiegel	457



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biblatex-gb7714...	A BibLaTeX implementation of the GB/T7714-2015 bibliography style for Chinese users	Zhenzhen	556
biblatex-german...	Comprehensive citation style for German legal texts	Brodowski	163
biblatex-gost	BibLaTeX support for GOST standard bibliographies	Domanov	195
biblatex-historian	A BibLaTeX style	Gliboff	230
biblatex-ieee	IEEE style files for BibLaTeX	Wright	544
biblatex-ijrsra	BibLaTeX style for the International Journal of Student Research in Archaeology	Bossert	158
biblatex-iso690	BibLaTeX style for ISO 690 standard	Hoftich	260
biblatex-jura	BibLaTeX stylefiles for German legal literature	Hard	247
biblatex-jura2	Citation style for the German legal profession	Christoph	181
biblatex-juradiss	BibLaTeX stylefiles for German law theses	Schwan, Voß	441
biblatex-license	Add license data to the bibliography	Wagner	530
biblatex-lncs	BibLaTeX style for Springer Lecture Notes in Computer Science	Göttlinger	234
biblatex-lni	LNI style for BibLaTeX	Kopp	300
biblatex-luh-ipw	BibLaTeX styles for social sciences	Heins	252
biblatex-manusc...	Manage classical manuscripts with BibLaTeX	Rouquette	422
biblatex-mla	MLA style files for BibLaTeX	Clawson	183
biblatex-morenames	New names for standard BibLaTeX entry type	Rouquette	422
biblatex-ms	Sophisticated Bibliographies in LaTeX (multiscript version)	Kime	286
biblatex-multip...	Load multiple datamodels in BibLaTeX	Rouquette	422
biblatex-musuos	A BibLaTeX style for citations in musuos.cls	Weh	534
biblatex-nature	BibLaTeX support for Nature	Wright	544
biblatex-nejm	BibLaTeX style for the New England Journal of Medicine (NEJM)	Aluthge, Daniel	132
biblatex-nottsc...	Citation style for the University of Nottingham	Bossert	158
biblatex-opcit...	Use op. cit. for the booktitle of a subentry	Rouquette	422
biblatex-oxref	BibLaTeX styles inspired by the Oxford Guide to Style	Ball	140
biblatex-philos...	Styles for using BibLaTeX for work in philosophy	Valbusa	514
biblatex-phys	A BibLaTeX implementation of the AIP and APS bibliography style	Wright	544
biblatex-publist	BibLaTeX bibliography support for publication lists	Spitzmüller	457
biblatex-readbbl	Read a .bbl file created by biber	Voß	524
biblatex-reala...	Indicate the real author of a work	Rouquette	422
biblatex-sbl	Society of Biblical Literature (SBL) style files for BibLaTeX	Purton	400
biblatex-science	BibLaTeX implementation of the Science bibliography style	Wright	544
biblatex-shortf...	Use short forms of fields with BibLaTeX	Rouquette	422
biblatex-social...	BibLaTeX-style for the social sciences at HU Berlin	Bossert	158
biblatex-software	BibLaTeX stylefiles for software products	Di Cosmo	186
biblatex-source...	References by “division” in classical sources	Rouquette	422
biblatex-spbasic	A BibLaTeX style emulating Springer’s old spbasic.bst	Voß	524
biblatex-subseries	Manages subseries with BibLaTeX	Rouquette	422
biblatex-swiss...	Bibliography and citation styles following Swiss legal practice	Vion, Mörtl	522
biblatex-trad	“Traditional” BibTeX styles with BibLaTeX	Wemheuer	535
biblatex-true-c...	Correction of some limitation of the citepages=omit option of BibLaTeX styles	Rouquette	422
biblatex-unified	BibLaTeX implementation of the unified stylesheet for linguistics journals	von Fintel	215
biblatex-vancouver	Vancouver style for BibLaTeX	Mondal	352
BibLaTeX	Sophisticated Bibliographies in LaTeX	Lehman, Kime	315
biblatex2bibitem	Convert BibLaTeX-generated bibliography to bibitems	Avdeev	138
BiBLE	A BibTeX library editor	Schreiber	437
bibleref-french	French translations for bibleref	Rouquette, Pinson	423
bibleref-german	German adaptation of bibleref	Waßenhoven	533
bibleref-lds	Bible references, including those to the scriptures of the Church of Jesus Christ of Latter Day Saints	Parry	387
bibleref-mouth	Consistent formatting of Bible references	Parry	387



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bibleref-parse	Specify Bible passages in human-readable format	Kuhnert	306
bibleref	Format bible citations	Talbot, Rouquette	479
bibletext	Insert Bible passages by their reference	Staps	461
biblio-perl	System for maintaining and presenting bibliographies	Stepanyan	462
biblio	A collection of bibliographies	Beebe	147
biblist	Print a BibTeX database	Schrod	438
biblook	Fast searching of BibTeX files	Erickson, Beebe	207
biblos	CGI interface to BibTeX files	Moller	352
bibmods	Tighter tolerances for bibliographies	Beebe	147
bibplain	Simple macros for using BibTeX with Plain T <sub>E</sub> X	Ferro	213
bibsort	Sort a BibTeX bibliography file	Beebe	147
BibTeX-examples	Examples of BibTeX usage	Beebe	147
BibTeX Database...	A simple interactive script to generate BibTeX Files	Gupta	243
BibTeX-help	VMS help file for BibTeX	Greenwade	238
bibtex-test	BibTeX testing files	Beebe	147
bibtex	Process bibliographies (bib files) for L <sup>A</sup> T <sub>E</sub> X or other formats	Patashnik	388
bibtex8	A fully 8-bit adaptation of BibTeX 0.99	Kempson, T <sub>E</sub> XLive	281
BibTexMng	Manipulate BibTeX database files	VNP Comp	523
bibtexperllibs	BibTeX Perl Libraries	Gossen, Veytsman	234
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	247
BibTool	A tool for manipulating BibTeX files	Neugebauer	362
bibtools	Bib management tools	Kotz, Gildea	302
bibtopic	Include multiple bibliographies in a document	Basso, Ulrich	143
bibtopicprefix	Prefix references to bibliographies produced by bibtopic	Schröder	439
bibunits	Multiple bibliographies in one document	Fernández, Hansen	212
bibutils	A collection of bibliography format convertors	Putnam	401
bibview-x	A visual manager for BibTeX files	Liebl, Martin, Urban	319
bibview	View BibTeX files	Jacobsen	270
bibweb	Automatically retrieve bibliography from MathSciNet	Palmieri	385
bicaption	Support for bilingual captions	Sommerfeldt	456
bickham	Virtual fonts for Adobe Bickham Script Pro	Sharpe	445
bidi-atbegshi	Bidi-aware shipout macros	Khalighi, bidi-tex GitHub Organisation	282
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	282
bidicontour	Bidi-aware coloured contour around text	Khalighi, bidi-tex GitHub Organisation	282
bidihl	Experimental bidi-aware text highlighting	Khalighi, bidi-tex GitHub Organisation	282
bidipagegrid	Bidi-aware page grid in background	Khalighi, bidi-tex GitHub Organisation	282
bidipresentation	Experimental bidi presentation	Khalighi, bidi-tex GitHub Organisation	282
bidishadowtext	Bidi-aware shadow text	Khalighi, bidi-tex GitHub Organisation	282
bidstobibtex	Convert BIDS returns to BibTeX	Stone	463
bigdelim	Big delimiters in tabular or array	van Oostrum	379
bigfoot	Footnotes for critical editions	Kastrup	279
bigintcalc	Integer calculations on very large numbers	Oberdiek	371
bigints	Writing big integrals	Merciadri	346
bigsign	Making "big signs" (mini-posters)	Lingnau	320
bigstrut	Struts for opening up tabular spacing	van Oostrum	380
bigtable	Multi-page tables in Plain T <sub>E</sub> X	Mathas, Howlett	339
bigtabular	Tabulars that can split at page boundaries	Duchier	199

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
biihead	Underlined page headings	Shapin	444
bilingualpages	Typeset two columns in parallel	Coles	184
binarytree	Drawing binary trees using TikZ	Nikolova	367
binhex	Convert numbers into binary, octal and hexadecimal	Kastrup	279
binomexp	Calculate Pascal's triangle	Roderick	417
biochemistry-co...	Colors used to display amino acids, nucleotides, sugars or atoms in biochemistry	Buxbaum	168
biocon	Typesetting biological species names	Edelman	203
biokey	Flexible identification key tables in L <sup>A</sup> T <sub>E</sub> X	Shipunov	448
biolett-bst	A BibTeX style for the journal "Biology Letters"	DeSouza	193
biolinum-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Biolinum family of fonts	Tennent	482
biolist	List observed species	Shipunov	448
Birkhaeuser	Style for Birkhaeuser books, conference proceedings, etc	Balemi	140
bit2spr	Convert bitmaps to "sprites"	Rovner	424
bitelist	Split list, in T <sub>E</sub> X's mouth	Lück	327
bitfield	Draw bit field data structure diagrams (obsolete)	Thomas	495
bithesis	Templates for the Beijing Institute of Technology	Kaiyu	277
bitpattern	Typeset bit pattern diagrams	Bourguet	159
bits	Sub-document environments in L <sup>A</sup> T <sub>E</sub> X	Swift	470
bitset	Handle bit-vector datatype	Oberdiek	371
bitstrea	Support for use of Bitstream fonts	Unknown	504
bitter	The Bitter family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
bizcard	Typeset business cards	Kirsch	287
bjfuthesis	A thesis class for Beijing Forestry University	Liu	321
blackboard	Comparison of blackboard bold fonts	Kummer	307
blackletter	A blackletter font	Unknown	504
blacklettert1	T1-encoded versions of Haralambous old German fonts	Bronger	163
blanks	Macros for "fill in the blanks" forms	Varian	515
blindtext	Producing 'blind' text for testing	Lickert	319
blkarray	Extended array and tabular	Carlisle	170
blkcntrl	Block-element hooks in L <sup>A</sup> T <sub>E</sub> X	Swift	470
blochsphere	Draw pseudo-3D diagrams of Bloch spheres	Wardrop	533
block	A block letter style for the letter class	Huang	264
blockdraw_mp	Block diagrams and bond graphs, with MetaPost	Tidefelt	495
BLOpenType	A basic LuaTeX OpenType handler	Rivera	412
bloques	Generate control diagrams	Ruiz	426
blowup	Upscale or downscale all pages of a document	Niepraschk	366
blox	Draw block diagrams, using TikZ	Reish	409
blue	A document preparation system	van der Laan	308
bm	Access bold symbols in maths mode	Carlisle, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	173
bm2font	Convert bitmaps to PK fonts	Sowa, Gillespie	457
bm2ltx	Convert a bitmap image to L <sup>A</sup> T <sub>E</sub> X code	Bontus	156
bmeps	Converter from PNG/JPEG/Tgb81AIFF/NetPBM to EPS	Krause	302
bmpp	Convert bitmap files to PS/EPS/PDF	Krause	302
bmppsize	Extract size and resolution data from bitmap files	Oberdiek	371
bmstu-iu8	A class for IU8 reports	Unknown	504
bmstu	A L <sup>A</sup> T <sub>E</sub> X class for Bauman Moscow State Technical University	Novikov	369
bnf-plain	Plain T <sub>E</sub> X macros for BNF grammars	Quanstrom	401
bnumexpr	Extends eTeX's \numexpr... \relax construct to big integers	Burnol	166
bodegraph	Draw Bode, Nyquist and Black plots with gnuplot and TikZ	Papanicola	386
bodeplot	Draw Bode, Nyquist and Nichols plots with gnuplot or pgfplots	Kamalapurkar	278
bohr	Simple atom representation according to the Bohr model	Niederberger	364
boisik	A font inspired by Baskerville design	Mitek	350
boites	Boxes that may break across pages	Zoonekynd, Malaquias	558

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
<code>bold-extra</code>	Use bold small caps and typewriter fonts	Fairbairns, Carlisle	208
<code>boldline</code>	Heavier lines in tables	Shipunov	449
<code>boldtensors</code>	Bold latin and greek characters through simple prefix characters	Fink, Bachteler	215
<code>bondgraph</code>	Create bond graph figures in L <sup>A</sup> T <sub>E</sub> X documents	Dupuis	201
<code>bondgraphs</code>	Draws bond graphs in L <sup>A</sup> T <sub>E</sub> X, using PGF/TikZ	Folkertsma	219
<code>book-examples</code>	A collection of examples from published T <sub>E</sub> X-related books	Unknown	504
<code>book-of-common-...</code>	Typeset in the style of “Book of Common Prayer”	Coles	184
<code>book</code>	A class for typesetting books	L <sup>A</sup> T <sub>E</sub> X Team	490
<code>bookcover</code>	A class for book covers and dust jackets	Tómacs	498
<code>bookdb</code>	A BibTeX style file for cataloguing a home library	Wilson	539
<code>bookest</code>	Extended book class	Bresciani	162
<code>bookform</code>	L <sup>A</sup> T <sub>E</sub> X 2.08 style for MIL STD 490 documents	McPherson	344
<code>bookhands</code>	A collection of book-hand fonts	Wilson	539
<code>booklet</code>	Aids for printing simple booklets	Robertson, Wilson	414
<code>bookmark</code>	A new bookmark (outline) organization for hyperref	Oberdiek	371
<code>bookshelf</code>	Create a nice image from a BibTeX file	Flynn	218
<code>booktabs-de</code>	German version of booktabs	Römer, Manderla	420
<code>booktabs-fr</code>	French translation of booktabs documentation	Drucbert, Goutelle	199
<code>booktabs</code>	Publication quality tables in L <sup>A</sup> T <sub>E</sub> X	Els, Fear	205
<code>boolexpr</code>	A boolean expression evaluator and a switch command	Chervet	178
<code>boondox</code>	Mathematical alphabets derived from the STIX fonts	Sharpe	445
<code>bophook</code>	Provides an At-Begin-Page hook	Tinnefeld	496
<code>borceux</code>	Diagram macros by François Borceux	Borceux	156
<code>border</code>	Draw a black border around a Plain T <sub>E</sub> X page	Brister	162
<code>bosisio</code>	A collection of packages by Francesco Bosisio	Bosisio	158
<code>boxedart4mac</code>	Import graphics into Macintosh T <sub>E</sub> X	Siebenmann	450
<code>boxedeps</code>	Incorporate EPS files into T <sub>E</sub> X documents	Siebenmann	450
<code>boxedminipage</code>	Framed minipages of a specified total width (text and frame combined)	Pakin	382
<code>boxhandler</code>	Flexible Captioning and Deferred Box/List Printing	Segletes	442
<code>boxit-ltx</code>	An environment for boxing things	van der Goot	234
<code>boxit</code>	Draw a box around a text	Unknown	505
<code>bpchem</code>	Typeset chemical names, formulae, etc	Pedersen	389
<code>bpolynomial</code>	Drawing polynomial functions of up to order 3	Hennig	255
<code>br-lex</code>	A Class for Typesetting Brazilian legal texts	Cherem	178
<code>bracketkey</code>	Produce bracketed identification keys	Heibl	251
<code>braids</code>	Draw braid diagrams with PGF/TikZ	Stacey	459
<code>braille</code>	Support for braille	Park, Unruh	387
<code>braket</code>	Dirac bra-ket and set notations	Arseneau	134
<code>brandeis-disser...</code>	Class for Brandeis University dissertations	Burt, Peck	168
<code>brandeis-proble...</code>	Document class for COSI Problem sets at Brandeis University (Waltham, MA)	Turner	501
<code>brandeis-thesis</code>	A class for Brandeis University M.A. theses	Burt	168
<code>brclc</code>	Support 16-bit (double) calculations in L <sup>A</sup> T <sub>E</sub> X	Radgen	402
<code>breakcites</code>	Ensure that multiple citations may break at line end	Hosek, Broska, Hosek	263
<code>breakurl</code>	Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf	Neto	169
<code>bredzenie</code>	A Polish version of “lorem ipsum...” in the form of a L <sup>A</sup> T <sub>E</sub> X package	Woliński	543
<code>breqn</code>	Automatic line breaking of displayed equations	Downes, Høgholm, Madsen, Robertson, Wright	197
<code>bridge-pln</code>	Plain T <sub>E</sub> X macros for writing about bridge	van der Laan	308
<code>bridge</code>	Typesetting bridge diagrams	van der Laan	308
<code>brief-t</code>	L <sup>A</sup> T <sub>E</sub> X support for the brief editor	Hedne	251
<code>bropd</code>	Simplified brackets and differentials in L <sup>A</sup> T <sub>E</sub> X	Tatlock	479
<code>brushscr</code>	A handwriting script font	Loreti	326
<code>bsf</code>	Access bold computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Leichter	315

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
bsheaders	Double-ruled chapter heading style	Loreti	326
bsl	Access bold computer modern slanted in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	238
BSR2dvi	Convert a T <sub>E</sub> Xtures working file to DVI	Siebenmann	450
btable	Bordered tables	van der Laan	308
bt00L	Perl library for parsing and processing BibTeX files	Ward	533
bubblesort	Bubble sorts a list	Taylor	480
BUCThesis	Beijing University of Chemical Technology Thesis Template	Unknown, Changcheng Student Network	512
bullcntr	Display list item counter as regular pattern of bullets	Mezzetti	346
bundledoc	Bundle together all the files needed to build a L <sup>A</sup> T <sub>E</sub> X document	Pakin	382
burmese	Basic Support for Writing Burmese	Reese, Lepper	407
buscard	A document style for business cards	Roth	421
business-research	Markup for the journal Business Research	Löffler, Schanz	321
businesscard-qr...	Business cards with QR-Code	Wäckerlin	530
bussproofs-extra	Extra commands for bussproofs.sty	Zach	552
bussproofs	Proof trees in the style of the sequent calculus	Buss	168
BXbase	BX bundle base components	Yato	549
bxcalc	Extend the functionality of the calc package	Yato	549
bxCJKatype	Typeset Japanese with pdfL <sup>A</sup> T <sub>E</sub> X and CJK	Yato	549
bxdpX-beamer	Dvipdfmx extras for use with beamer	Yato	549
bxdrvdriver	Enables specifying a driver option effective only in DVI output	Yato	549
bxepic	Eepic facilities using pict2e	Yato	549
bxenclose	Enclose the document body with some pieces of code	Yato	549
BXghost	Ghost insertion for proper xkanjiskip	Asakura	137
BXjaholiday	Support for Japanese holidays	Asakura	137
BXjalipsum	Dummy text in Japanese	Yato	549
BXjaprnind	Adjust the position of parentheses at paragraph head	Yato	549
bxjatoucs	Convert Japanese character code to Unicode	Yato	549
BXjscis	Japanese document class collection for all major engines	Yato	549
bxnewfont	Enhanced \newfont command	Yato	550
bxorigcapt	To retain the original caption names when using Babel	Yato	550
bxpapersize	Synchronize output paper size with layout paper size	Yato	550
bxpdfver	Specify version and compression level of output PDF files	Yato	550
bxtexlogo	Additional T <sub>E</sub> X-family logos	Yato	550
bxwareki	Convert dates from Gregorian to Japanese calender	Yato	550
byo-twemojis	“Build Your Own Twemojis” with TikZ	Rossel	421
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	453
bytefield	Create illustrations for network protocol specifications	Pakin	383
byzantinemusic	Facilitates writing byzantinemusic	Cornaros	186
byzfonts	Byzantine Music Font	Vamvakas, Kotopoulos	514
<b>CCCCC</b>			
c-pascal	Typeset Python, C and Pascal programs	Šegan, Gulczynski	442
c2cweb	C language prettyprinter	Lemberg	317
c2latex	Simple conversion of C programs to L <sup>A</sup> T <sub>E</sub> X	Ramsdell	405
cabin	A humanist Sans Serif font, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	482
cachepic	Convert document fragments into graphics	Trzeciak	499
caesarcm	Hyphenation of inflected languages, using CM fonts	Siebenmann	450
cahierprof	Schedule and grade books for French teachers	Giromini	229
cahyph	Hyphenation patterns for the Catalan language	Badenes Guia, Turon	242
caladea	Support for the Caladea family of fonts	Tennent	482
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	494
calcage	Calculate the age of something, in years	Schneider	436
calcfrac	Calculates the value of an expression containing fractions	Unknown	505
calctab	Language for numeric tables	Giacomelli	227

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
calculation	Typesetting reasoned calculations, also called calculational proofs	Fokkinga	219
calculator	Use L <sup>A</sup> T <sub>E</sub> X as a scientific calculator	Fuster	223
calendar-Barr	A calendar document	Barr	141
calendar	A package for calendars and timetables	Bennett	150
calendarweek	Calculate the week number of a date	Hoekwater	258
calligra-type1	Type 1 version of Calligra	Vanroose, Hosny	514
calligra	Calligraphic font	Vanroose, Dachian	514
callouts	Put simple annotations and notes inside a picture	Stuetz	468
calorie	Calorie checking for dieters	Aonuma	133
calrsfs	Copperplate calligraphic letters in L <sup>A</sup> T <sub>E</sub> X	Zhytnikov	556
cals	Multipage tables with wide range of features	Parashchenko	386
calxxxx-yyyy	Print a calendar for a group of years	Münch	356
calxxxx	Prints a card-size calendar for any year	Jankovic	271
camel	Prototype work on future citation engine	Bennett	150
cancel	Place lines through maths formulae	Arseneau	134
canoniclayout	Create canonical page layouts with memoir	Beccari	145
cantarell	L <sup>A</sup> T <sub>E</sub> X support for the Cantarell font family	El Morabity	353
capbas	Capital baseball "matrix printer" font collection	Bloemen	154
caparmode	Dropped capitals for Plain T <sub>E</sub> X	Braunegg	161
capt-of	Captions on more than floats	Fairbairns, Carlisle	209
captcont	Retain float number across several floats	Cochran	183
captdef	Declare free-standing \caption commands	Fairbairns, Carlisle	209
caption	Customising captions in floating environments	Sommerfeldt	456
caption2	Superseded version of the caption package	Sommerfeldt	456
carbohydrates	Carbohydrate molecules with chemfig	Niederberger	364
card-set	Typeset text for cardfile cards	Potuček Jr.	276
card	Print visiting cards	Balemi	140
carlisle	David Carlisle's small packages	Carlisle	170
carlito	Support for Carlito sans-serif fonts	Tennent	482
carolmin-t1	Adobe Type 1 format of Carolingian Minuscule fonts	Jørgensen	275
carolmin	Carolingian Miniscule manuscript book-hand font	Wilson	539
cartonaugh	A LuaL <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Bouajjaj	159
cascade	Constructions with braces to present mathematical demonstrations	Pantigny	386
CascadiaCode	The Cascadia Code font with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
cascadilla	Typeset papers conforming to the stylesheet of the Cascadilla Proceedings Project	Bane	140
cascover	Make cassette covers	Raaijmakers	401
cases	Numbered cases environment	Arseneau	134
casiofont	Support for the Casio ClassWiz font	Munn	357
cassette-shipunov	Print labels for audio cassettes	Shipunov	449
cassette	Typeset cassette box inserts	Strip	468
cassette209	A L <sup>A</sup> T <sub>E</sub> X 209 document style for cassette inserts	Steuer	463
casslbl	Typeset cassette labels	Besson	152
casyl	Typeset Cree/Inuktitut in Canadian Aboriginal Syllabics	Derzhanski	193
catalan	Catalan hyphenation patterns	Wierda	537
catalanbib	Bibliographic styles for use in Catalan	Fuster	223
Catalogue	A catalogue of what's available on CTAN	Williams, The CTAN Team	538
catchfile	Catch an external file into a macro	Oberdiek	371
catchfilebetwee...	Catch text delimited by docstrip tags	Chervet	178
catcodes	Generic handling of T <sub>E</sub> X category codes	Lück	327
catdoc	Text extractor for word files	Wagner	530
catdvi	A DVI to plain text translator	Kaijanaho, Brill	277
catechis	Macros for typesetting catechisms	Goodman	232
catoptions	Preserving and recalling standard catcodes	Musa	359
causets	Draw causal set (Hasse) diagrams	Minz	349



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
cbcoptic	Coptic fonts and L <sup>A</sup> T <sub>E</sub> X macros for general usage and for philology	Beccari, Rosmorduc	146
cbe	Bibliography style for Council of Biology Editors format	Rogers	418
cbfonts-fd	L <sup>A</sup> T <sub>E</sub> X font description files for the CB Greek fonts	Beccari	145
cbgreek-complete	Complete set of Greek fonts	Beccari, Syropoulos	146
cc-pl	Polish extension of Computer Concrete fonts	Jackowski, Ryćko, Bzyl	270
ccaption	Continuation headings and legends for floats	Robertson, Wilson	414
ccfonts	Support for Concrete text and math fonts in L <sup>A</sup> T <sub>E</sub> X	Schmidt, Harcombe	434
cchess	Chinese chess	Richer, Mittelbach	410
ccicons	L <sup>A</sup> T <sub>E</sub> X support for Creative Commons icons	Ummels	503
CClicenses	Typeset Creative Commons licence logos	Pignalberi	395
ccool	A key-value document command parser	Rogard	418
cd	Typeset CD covers	Vigna, Lemberg	521
cdcmd	Expandable conditional commands for L <sup>A</sup> T <sub>E</sub> X	Unknown	505
cdcover	Typeset CD covers	Holm Christensen	181
cdlabeler	Take user text and typeset it to fit a CD label	Eijkhout	204
C.D.P. Bundle	Business letters in the Italian style	Mezzetti	346
cea	Produce papers for Computers and Electronics in Agriculture	McCauley	342
cell	Bibliography style for Cell	Schneider	437
cellprops	Accept CSS-like selectors in tabular, array, ...	Rivaud	411
cellspace	Ensure minimal spacing of table cells	Noirel	368
cellular	Cellular table construction	Pittman	396
cellwise	Building tables one cell at a time	Borck-Elsner	157
celtic	A TikZ library for drawing celtic knots	Stacey	459
censor	Tools for producing redacted documents	Segletes	442
centeredline	A macro for centering lines	Burnol	166
centerlastline	Paragraphs with last line centered, known as “Spanish” paragraphs	Frasson	221
centernot	Centred \not command	Oberrdiek	371
cep	Compression tools for PostScript	Jackowski, Pianowski, Strzelczyk	269
cesenaexam	A class file to typeset exams	Pacini	382
cfgguide	Documentation of L <sup>A</sup> T <sub>E</sub> X configuration options	L <sup>A</sup> T <sub>E</sub> X Team	490
cfr-initials	L <sup>A</sup> T <sub>E</sub> X packages for use of initials	Rees	407
cfr-lm	Enhanced support for the Latin Modern fonts	Rees	407
changebar	Generate changebars in L <sup>A</sup> T <sub>E</sub> X documents	Braams, Fine	160
changelayout	Change the layout of individual pages and their text	Musa	359
changelog	Typesetting keepachangelog.com style changelogs	Turner	501
changepage	Margin adjustment and detection of odd/even pages	Robertson, Wilson	414
changes	Manual change markup	Kleinod	290
chappg	Page numbering by chapter	Fairbairns, Hailperin, Carlisle	209
chapref	Bibliography details per chapter	Knaggs	291
chapterbib	Multiple bibliographies in a document	Arseneau	135
chapterfolder	Package for working with complicated folder structures	Mathieu	339
CharisSIL	CharisSIL fonts with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	482
charter	Charter fonts	Bitstream	153
chbar	Change bar marks in Plain T <sub>E</sub> X	Schrod	438
chbibref	Change the Bibliography/References title	Wilson	539
cheatsheet	A simple cheatsheet class	Hinrichs	258
check-parens	Check parentheses in L <sup>A</sup> T <sub>E</sub> X	Eldering	205
check	A syntax checker and tidier	Grothmann	241
checkcites	Check citation commands in a document	Cereda, Island of TeX, Grogio	175
checkend	Extend “improperly closed environment” messages	Bezoz López	322
checklab	A patch for the label-checking code	Fairbairns, Carlisle	209



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
checklistings	Pass verbatim contents through a compiler and reincorporate the resulting output	Bourke	159
chem-journal	Various BibTeX formats for journals in Chemistry	Hill	257
chemarr	Arrows for chemists	Oberdiek	371
chemarrow	Arrows for use in chemistry	Schroeder	439
chembst	A collection of BibTeX files for chemistry journals	Schenk	432
chemcompounds	Simple consecutive numbering of chemical compounds	Schenk	432
chemcono	Support for compound numbers in chemistry documents	Schulz	440
chemexec	Creating (chemical) exercise sheets	Niederberger	364
chemfig	Draw molecules with easy syntax	Tellechea	481
chemformula	Command for typesetting chemical formulas and reactions	Niederberger	364
chemgreek	Upright Greek letters in chemistry	Niederberger	364
chemmacros	A collection of macros to support typesetting chemistry documents	Niederberger	364
chemnum	A method for numbering chemical compounds	Niederberger	365
chemobabel	Convert chemical structures from ChemDraw, MDL molfile or SMILES using Open Babel	Yamashita	547
chemplants	Symbology to draw chemical plants with TikZ	Arnese Feffin	212
chemscheme	Support for chemical schemes	Wright	544
chemschemeX	Typeset and cross-reference chemical schemes based on TikZ code	Siegel	450
chemsec	Automated creation of numeric entity labels	Finnerty	215
chemstruct	Structural organic chemistry	Ramek	405
chemstyle	Writing chemistry with style	Wright	544
chemsym	Macros for typing chemical symbols	Dahlgren	188
chemtex	Structural chemistry	Haas	243
cheq	Adobe chess font	Renner	410
cherokee	A font for the Cherokee script	Stanier	460
chess-problem-d...	A package for typesetting chess problem diagrams	Hoening	259
chess	Fonts for typesetting chess boards	Tutelaers	502
chessboard	Print chess boards	Fischer	216
chessfss	A package to handle chess fonts	Fischer	216
chessmin	Minimal chess diagrams	Blair	154
chet	L <sup>A</sup> T <sub>E</sub> X layout inspired by harvmac	Stergiou	463
chextras	A companion package for the Swiss typesetter	Oriet	380
chgbar	Draw change bars in the margin	Johnson	274
chhaya	Linguistic glossing in Marathi language	Unknown	505
chicago-annotate	Chicago-based annotated BibTeX style	Laakso	308
chicago	A "Chicago" bibliography style	Glenn	230
chicagoa	"Chicago" bibliography style with annotations	Glenn	230
chickenize	Use lua callbacks for "interesting" textual effects	Trautmann	498
chifoot	Chicago-style footnote formatting	Miller	348
childdoc	Directly compile \include'd child documents	Beisert	148
china2e	Font and macros for Chinese calendar	Heyl	257
ChineseJFM	Luatexja-jfm files for Chinese typesetting	Unknown	505
chinesechess	Typeset Chinese chess with l3draw	Geng	226
chitex	A Chinese T <sub>E</sub> X system	Chen	177
Chivo	Using the free Chivo fonts with L <sup>A</sup> T <sub>E</sub> X	Esbaty	207
chkfloat	Warn whenever a float is placed "to far away"	Hejda	252
chkhref	Check for problems with labels in L <sup>A</sup> T <sub>E</sub> X	Lelong	317
chktx	Check for errors in L <sup>A</sup> T <sub>E</sub> X documents	Thielemann, Andrus	494
chletter	Class for typesetting letters to Swiss rules	Oriet	380
chngcntr	Change the resetting of counters	Robertson, Wilson	415
chngpage	Change the page layout in the middle of a document	Robertson, Wilson	415
chomsky	Macros to typeset parsing trees	Barr	141
chordbars	Print chord grids for pop/jazz tunes	Kramm	302
chordbox	Draw chord diagrams	Franzen	220

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
chroma	Chroma: a reference book of L <sup>A</sup> T <sub>E</sub> X colours	Kern	281
chronology	Provides a horizontal timeline	Wiseman, Armacost	542
chronosys	Drawing time-line diagrams	Long	322
chs-physics-report	Physics lab reports for Carmel High School	Zhang	554
chscite	Bibliography style for Chalmers University of Technology	Sigurdhsson	451
churchslavonic	Typeset documents in Church Slavonic language using Unicode	Kroutikov	303
cinzel	L <sup>A</sup> T <sub>E</sub> X support for Cinzel and Cinzel Decorative fonts	Tennent	483
circ	Macros for typesetting circuit diagrams	Law, Tille, Tannert	313
circle	Maths mode circles for temporal logic	Barthelmann	142
circledsteps	Typeset circled numbers	Giannetti	227
circledtext	Create circled text	Geng	226
circuit-macros	M4 macros for electric circuit diagrams	Aplevich	133
CircuitikZ	Draw electrical networks with TikZ	Redaelli, Lindner, Erhardt, Giannetti	407
circularglyphs	A circular glyphs alphabet	Pierquet	392
cirth	Fonts for Cirth	Habets, Grant	243
citation-style-...	Bibliography formatting with Citation Style Language	Lee	314
cite-bundle	Citation management bundle	Arseneau	135
cite	Improved citation handling in L <sup>A</sup> T <sub>E</sub> X	Arseneau	135
citeall	Cite all entries of a bbl created with BibLaTeX	Fischer	216
citeref	Add reference-page-list to bibliography-items	Briel	162
citesidx	Produce a citation list for the bibliography	Buchholz	164
CJ	BibTeX style for Computer Journal	Gärtner	225
cje	L <sup>A</sup> T <sub>E</sub> X document class for CJE articles	Nesbitt	362
CJHebrew	Typeset Hebrew with L <sup>A</sup> T <sub>E</sub> X	Justen	277
cjk-fonts	Chinese/Japanese/Korean bitmap fonts	Lemberg	317
cjk-gs-integrate	Tools to integrate CJK fonts into Ghostscript	Preining	399
cjk-ko	Extension of the CJK package for Korean typesetting	Kim	285
cjk	CJK language support	Lemberg	317
cjkpunct	Adjust locations and kerning of CJK punctuation marks	Zhang, Sun, Lee	554
cjw	A bundle of packages and classes	Wynne	546
clara	A serif font family	Miller	348
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	490
classico	URW Classico fonts	Tennent	483
classics	Cite classic works	Lourenço de Lima	320
ClassicThesis	A “classically styled” thesis package	Miede	347
classif2	Biological classification tables	Shipunov	449
classlist	Record classes used in a document	Oberdiek	371
classpack	XML mastering for L <sup>A</sup> T <sub>E</sub> X classes and packages	Flynn	218
cleantesis	A clean L <sup>A</sup> T <sub>E</sub> X style for thesis documents	Langner	311
clearsans	Clear Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
clefval	Key/value support with a hash	Henel	254
cleveref-usedon	Adds forward-referencing functionality to the cleveref package	Pistre	396
cleveref	Intelligent cross-referencing	Cubitt	188
clicks	Slide Deck Animation	Bugayenko	165
clip	A language-independent literate programming tool	Van Ammers, Kramer	133
clipboard	Copy and paste into and across documents	Lourenço de Lima	320
clistmap	Map and iterate over L <sup>A</sup> T <sub>E</sub> X3 clists	Rogard	418
clock	Graphical and textual clocks for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Corff	185
clojure-pamphlet	A simple literate programming tool based on clojure's pamphlet system	Lanchares	310
closefrm	Tidy up after reading a MetaPost file	Vieth	521
cloze	A LuaL <sup>A</sup> T <sub>E</sub> X package for creating cloze texts	Friedrich	222
clrdblpg	Control pagestyle of pages left blank by \cleardoublepage	Goodman	233
clrscode	Typesets pseudocode as in Introduction to Algorithms	Cormen	186

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
clrscode3e	Typesets pseudocode as in Introduction to Algorithms	Cormen	186
clrstrip	Place contents into a full width colour strip	Spratte	458
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	490
cluttex	An automation tool for running L <sup>A</sup> T <sub>E</sub> X	Arata	134
cm-afm	Adobe Font Metrics for the CM fonts	MacKay	334
cm-gf	Generate GF format for CM	Ramsdell	405
cm-lgc	Type 1 CM-based fonts for Latin, Greek and Cyrillic	Kryukov	304
cm-mf-extra-bold	Extra Metafont files for CM	Kaspar, Sozuer	279
cm-mf-opt-kern	Improve the kerning of CM fonts	Pilzecker	395
cm-mf	Sources of the Computer Modern fonts	Knuth	293
cm-pk	PK bitmaps of the Computer Modern fonts	Knuth	293
cm-super	CM-Super family of fonts	Volovich	524
cm-tfm	Metric files for the Computer Modern fonts	Knuth	293
cm-unicode	Computer Modern Unicode font family	Panov, Lečić	385
cm	Computer Modern fonts	Knuth	293
cmactex	TeX for the Macintosh	Kiffe	285
cmap	Make PDF files searchable and copyable	Volovich, Krüger	524
cmarrows	MetaPost arrows and braces in the Computer Modern style	Ekola	205
cmastro	Font for planetary symbols	Unknown	505
cmathbb	Computer modern mathematical blackboard bold font	Chao	176
cmbright	Computer Modern Bright fonts	Schmidt, Harcombe	434
cmcyr-patch	A set of Type 1 Cyrillic fonts	Peregoudov	391
cmcyr	Computer Modern fonts with cyrillic extensions	Glonti, Samarin, Malyshev	230
cmcyralt-fonts	Russian fonts in "alternative" encoding	Harin	249
cmcyralt-ltx	L <sup>A</sup> T <sub>E</sub> X support for the cmcyralt fonts	Harin, Zhytnikov	250
cmdstring	Get command name reliably	Noirel	368
cmdtrack	Check used commands	Downes	197
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	490
cmfrak	Reencoded versions of Haralambous fraktur fonts	Taupin	480
cmll	Symbols for linear logic	Beffara	148
cmoefont	Old English glyphs to go with Computer Modern	Bradfield	160
cmolddig	Virtual fount setup for using old style digits	McDonnell	343
cmoutlines	Outline versions of the Computer Modern fonts	Henderson, Hosek	254
cmpica	A Computer Modern Pica variant	Hosek	262
cmpj	Style for the journal Condensed Matter Physics	Shvaika	449
cms4talks	Content Management System for Talks	Nebendahl	361
cmsd	Interfaces to the CM Sans Serif Bold fonts	Schmidt, Harcombe	434
cmslup	Upright punctuation with CM slanted	Znamenskii, Veytsman	557
cmsrb	Computer Modern for Serbian and Macedonian	Stefanović	461
cmtest	CM fonts test sources	Knuth	293
cmtiup	Upright punctuation with CM italic	Znamenskii, Veytsman	557
cmtt	A package for handling the cmtt font better	Wooding	543
CM Type3	Type 3 outline versions of the CM fonts	Toal	496
cmupint	Upright integral symbols for Computer Modern	Stefanović	461
cmyk-hax	A T <sub>E</sub> X macro package for colour manipulation (using PostScript)	BOP	156
cnbwp	Typeset working papers of the Czech National Bank	Wagner	530
cnltx	L <sup>A</sup> T <sub>E</sub> X tools and documenting facilities	Niederberger	365
cnoweb	Simple "quality" printing of C sources	Fox	219
cntdwn	Support for countdowns, and for clocks in any timezone	Story	464
cntformats	A different way to read counters	Niederberger	365
cntperchap	Store counter values per chapter	Hupfer	265
cochineal	Cochineal fonts with L <sup>A</sup> T <sub>E</sub> X support	Sharpe	445
code	Typeset "code" in verbatim	Ferguson	212
code128	Barcode macros for the Code 128 standard	Olšák	378
codeanatomy	Typeset code with annotations	Bùi	166

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
codebox	Highlighted source code in a fancy box	Geng	226
codedescribe	A minimalist set of commands (expl3 based) to describe Document and Class level commands/functions	Frigeri	223
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	267
codehigh	Highlight code and demos with l3regex and lpeg	Lyu	333
codepage	Support for variant code pages	Aubord	138
codesection	Provides an environment that may be conditionally included	Pospiech	398
codicefiscaleit...	Test the consistency of the Italian personal Fiscal Code	Beccari	145
coelacanth	Coelacanth fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
coffeestains	Add coffee stains to documents	Bideault	153
CollArgs	Collect arguments of any command	Živanović	557
collcell	Collect contents of a tabular cell as argument to a macro	Scharrer	430
collect	Collect text for later re-use	Sauer	428
collectbox	Collect and process macro arguments as boxes	Scharrer	430
collref	Collect blocks of references into a single reference	Beisert	148
colonequals	Colon equals symbols	Oberdiek	371
colophon	Provides commands for producing a colophon	Goodman	233
color-edits	Colorful edits for multiple authors of a shared document	Kempe	281
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	173
colordoc	Coloured syntax highlights in documentation	Garcia-De Castro	174
colordvi	Simple colour use in Plain T <sub>E</sub> X	Hafner, Rokicki	244
coloredbelts	Insert colored belts (vectorial format) in documents (to presetrn skills, for example)	Pierquet	392
coloremoji	Style package for directly including color emojis in L <sup>A</sup> T <sub>E</sub> X documents	Jacobson	270
colorframed	Fix color problems with the package “framed”	Burnol	166
colorinfo	Retrieve colour model and values for defined colours	Niepraschk	366
coloring	Define missing colors by their names	Hu	264
colorist	Write your articles or books in a colorful way	XU	546
colorprofiles	Collection of free ICC profiles	Preining	399
colors	Simple colour-selection commands	Knight	293
colorsep	Color separation	Rahtz	403
colorspace	Provides PDF color spaces	Bezoz López	322
colortab	Shade cells of tables and halign	Van Zandt, Voß	553
colortbl	Add colour to L <sup>A</sup> T <sub>E</sub> X tables	Carlisle	170
colortex	Colour facilities for use with T <sub>E</sub> X	Cérin	175
colorwav	Colours by wavelength of visible light	Setzer	444
colorweb	Extend the color package colour space	Beach	144
colourchange	Colourchange	Bradley	160
combelow	Typeset “comma-below” letters, as in Romanian	Pignalberi	395
combine	Bundle individual documents into a single document	Robertson, Wilson	415
combinedgraphics	Include graphic (EPS or PDF)/L <sup>A</sup> T <sub>E</sub> X combinations	Schneider	436
combofont	Add NFSS-declarations of combo fonts to LuaL <sup>A</sup> T <sub>E</sub> X documents	Fischer	216
comfortaa	Sans serif font, with L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Aakerlund	353
comicneue	Use Comic Neue with T <sub>E</sub> X(-alike) systems	Hofstra	260
comicsans	Use Microsoft Comic Sans font	Pakin	383
comma	Formats a number by inserting commas	Carlisle	170
commado	Expandable iteration on comma-separated and filename lists	Lück	327
commath	Mathematics typesetting support	Putschögl	401
commedit	Commented editions with L <sup>A</sup> T <sub>E</sub> X	Veytsman	518
comment-pln	Comment macros for use in Plain T <sub>E</sub> X	Alexander	131
comment	Selectively include/exclude portions of text	Eijkhout	204
comment_io	A Python script to comment and uncomment lines	Larsson	312
committee-font	A font designed by a committee	Unknown	505
commonunicode	Convert common unicode symbols to L <sup>A</sup> T <sub>E</sub> X code	Pizarro R.	401
commutative-dia...	CoDi: Commutative Diagrams for T <sub>E</sub> X	Brasolin	161

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
comp-fonts-FAQ	Frequently Asked Questions from comp.fonts	Walsh	531
compact-symbols	Compact lists of symbols	Sermutlu	444
compactbib	Multiple thebibliography environments	Lejay	316
compare	Compare two strings	McManus	344
competences	Track skills of classroom checks	Bares	141
complexity	Computational complexity class names	Bourke	159
components	Components of T <sub>E</sub> X	Schrod	438
The Comprehensi...	Symbols accessible from L <sup>A</sup> T <sub>E</sub> X	Pakin	384
compsci	Document (LaTeX) programming with L <sup>A</sup> T <sub>E</sub> X	Swift	470
computational-c...	Class for the journal Computational Complexity	Nüsken	370
computer-typese...	Content of the book Computer Typesetting Using L <sup>A</sup> T <sub>E</sub> X	Baldin	139
concepts	Keeping track of formal ‘concepts’ for a particular field	Helvensteijn	253
concmath-fonts	Concrete mathematics fonts	Vieth	521
concmath-otf	Concrete based OpenType Math font	Flipo	216
concmath	Concrete Math fonts	Vieth	521
concprog	Concert programmes	Brodnik	162
concrete-macros	Consistent text and maths using concrete fonts	Hefferon	251
concrete	Concrete Roman fonts	Knuth	293
CondiTeXt	Define and manage conditional content	Brabant	160
confproc	A set of tools for generating conference proceedings	Verfaille	516
consdiag	A utility for OO programming documentation	Algaba	131
constants	Automatic numbering of constants	Lejay	316
coneq	Typeset multiline continued equalities	Breitner	162
context-account	A simple accounting package	Schuster	440
context-algorit...	Algorithm handling in ConTeXt	Schuster	440
context-animation	Generate fieldstack based animation with ConTeXt	Schuster	440
context-annotation	Annotate text blocks	Schuster	440
context-bnf	A BNF module for ConTeXt	Weibull	535
context-calenda...	Collection of calendars based on the PocketDiary-module	Egger	203
context-chromato	ConTeXt macros for chromatograms	Münster	358
context-cmscbf	Use Computer Modern bold Caps and Small-caps in ConTeXt	Münster	358
ConTeXt-cmttbf	Use Computer Modern Typewriter bold font in ConTeXt	Münster	358
context-collati...	Environment to place collating marks on the spine of a section	Egger	203
context-constru...	Construction plans in ConTeXt	Münster	358
context-cyrilli...	Write numbers as cyrillic glyphs	Gesang	227
context-degrade	Degrading JPEG images in ConTeXt	Münster	358
context-fancybreak	Overfull pages with ConTeXt	Schuster	440
context-filter	Run external programs on the contents of a start-stop environment	Mahajan	335
context-fixme	Make editorial marks on a document	Schuster	440
context-french	Support for writing French in ConTeXt	Münster	358
context-fullpage	Overfull pages with ConTeXt	Schuster	440
context-games	Create static and interactive versions of board games	Schuster	441
context-gantt	GANTT module for ConTeXt	Reviczky, Mahajan	410
ConTeXt-gnuplot	Inclusion of Gnuplot graphs in ConTeXt	Miklavec, Hagen, Hoekwater	347
context-handlecsv	Data merging for automatic document creation	Hajtmár, Rodríguez	245
context-inifile	An ini-file pretty-printer, using ConTeXt	Münster	358
context-interva...	Date driven lists or lists driven by date-intervals	Egger	203
context-layout	Show ConTeXt layouts	Gundlach	242
context-letter	ConTeXt package for writing letters	Schuster	441
context-letrrine	A ConTeXt implementation of lettrines	Hoekwater, Flipo	258
context-lilypond	Lilypond code in ConTeXt	Creutzig	187
context-mathsets	Set notation in ConTeXt	Mahajan	335
context-notes-z...	Notes on using ConTeXt MkIV	Li	318
context-pocketd...	A personal organiser	Egger	203



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
context-rst	Process reStructuredText with ConTeXt	Gesang	227
context-ruby	Ruby annotations in ConTeXt	Schuster	441
context-sgf	A Go system in ConTeXt	Chen, Schuster	178
context-simplef...	Simplified font usage for ConTeXt	Schuster	441
context-simples...	A module for preparing presentations	Mahajan, Schmitz, Ramm	336
context-squares	Typesetting Magic and Latin squares	del Rio	411
context-sudoku	Sudokus for ConTeXt	del Rio	411
context-taspresent	Simple presentations using ConTeXt	Schmitz	436
context-title	Place document titles	Schuster	441
context-top-ten	The "top ten" ConTeXt commands	Corsair	186
context-transli...	Transliterate text from 'other' alphabets	Gesang	227
context-typearea	Something like Koma-Script typearea	Münster	358
context-typescr...	Small modules to load various fonts for use in ConTeXt	Schuster	441
context-URWGara...	ConTeXt support for URW Garamond font	Münster	358
context-URWGothic	ConTeXt support for URW Gothic	Hoekwater	258
context-vim	Generate ConTeXt syntax highlighting code from vim	Mahajan, Miklavec	336
context-visualc...	Visual display of ConTeXt counters	Mahajan	335
context	The ConTeXt macro package	Hagen	244
continue	Prints 'continuation' marks on pages of multipage documents	Wilson, Robertson	542
contour	Print a coloured contour around text	Harders, Høgholm	249
contracard	Generate calling cards for dances	Whited	537
conv-xkv	Create new key-value syntax	Story	464
convbkmk	Correct platex/uplatex bookmarks in PDF created with hyperref	Tanaka	479
convert	Generate Knuthian encoding for text files	Raichle	404
cooking-units	Typeset and convert units for cookery books and recipes	Vitecek	522
cooking	Typeset recipes	Reichert	408
cookingsymbols	Symbols for recipes	Harder	247
cookybooky	A L <sup>A</sup> T <sub>E</sub> X based package to easily typeset some professional looking cooking recipes	Gilg	229
cool	CONTENT-ORIENTED L <sup>A</sup> T <sub>E</sub> X	Setzer	444
coolfn	Typeset long legal footnotes	Granet	236
coollist	Manipulate CONTENT ORIENTED L <sup>A</sup> T <sub>E</sub> X Lists	Setzer	444
coolstr	String manipulation in L <sup>A</sup> T <sub>E</sub> X	Setzer	444
coolthms	Reference items in a theorem environment	Fütterer, Zachhuber	224
cooltooltips	Associate a pop-up window and tooltip with PDF hyperlinks	Pakin	383
coop-writing	Support for Cooperative Writing and editorial comments	Xexéo	546
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	483
coordsys	Draw cartesian coordinate systems	Hansen	246
copac-clean	Automatic editing of Copac/BibTeX records	Milanese	347
coptic	Coptic Fonts	Rosmorduc	421
copyedit	Copyediting support for L <sup>A</sup> T <sub>E</sub> X documents	Radhakrishnan, Rajagopal, Venkatesan	402
copypaste	Copy and paste into and across documents	Lourenço de Lima	320
copyrightbox	Provide copyright notices for images in a document	van der Flaas	216
corelfonts	An installation script for Corel Ventura fonts	McClelland	342
corelpak-contrib	Manage Corel-distributed fonts	Tinnefeld	496
corelpak	Metrics, etc., for fonts distributed with Corel products	Woch	542
CormorantGaramond	Cormorant Garamond family of fonts	Tennent	483
correctmathalign	Correct spacing of the alignment in expressions	Kieda	284
corrects	Macros for marking correction sheets	Piff, Fairbairns, Carlisle	395
corridx-latex	Correct index entries for chemical compounds	Fink	215
corridx-obsolete	Add index entries to L <sup>A</sup> T <sub>E</sub> X document	Fink	215
coseoul	Context sensitive outline elements	Teubner	486
couleurs-fr	French version of colour definitions from xcolor	Pierquet	392



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
count1to	Make use of count1 to count9	Schröder, Peischl	439
counterz	Additional tools for counters	McClain	342
countriofeurope	A font with the images of the countries of Europe	Zimmermann, Voß, Niepraschk	556
counttexruns	Count compilations of a document	Schneider	436
courier scaled	Provides a scaled Courier font	Schulz	440
Courier	Adobe Type 1 “free” copies of Courier	IBM Corporation	266
couriertn	Courier 10 Pitch BT with L <sup>A</sup> T <sub>E</sub> X support	Miller	348
courseoutline	Prepare university course outlines	Gall	224
coursepaper	Prepare university course papers	Gall	224
coverpage	Automatic cover page creation for scientific papers	Kopp, Mühlich	301
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	383
covington	L <sup>A</sup> T <sub>E</sub> X macros for Linguistics	Spitzmüller, Covington, Fairbairns	458
cprog	Typeset C programs	McManus	344
cprotect	Allow verbatim, etc., in macro arguments	Le Floch	217
cprotectinside	Use cprotect arbitrarily nested	user202729	513
cpssp	Draw protein secondary structures	Skala	453
cptex	Use different code pages for T <sub>E</sub> X input	Krämer	302
CQUBeamer	L <sup>A</sup> T <sub>E</sub> X Beamer Template for Chongqing University	Wan	532
CQUThesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Chongqing University	Zhennan	556
crbox	Boxes with crossed corners	Khalighi, bidi-tex GitHub Organisation	282
create-struktex	Create struktex code	Lenser	317
create-theorem	Initializing and configuring theorem-like environments, with multi-lingual support	XU	546
CreationBoites	Macros to create simple tcolorbox with some customizations	Pierquet	392
crefthe	Cross referencing with proper definite articles	XU	546
crimson	Crimson fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
CrimsonPro	CrimsonPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
croatian	Fonts for Croatian Glagolitic and other Croatian scripts	Žubrinić	558
crop	Support for cropmarks	Franz, Thomas	220
cropmark-pu	Cropmark macros for Plain T <sub>E</sub> X	Ungar	503
cropmark	Crop marks on \shipout	Eijkhout	204
cropmarks-pt	Philip Taylor’s cropmarks macros	Taylor	480
cropmrks	Add crop marks to a Plain T <sub>E</sub> X document	Taylor	480
crossrefenum	Smart typesetting of enumerated cross-references for various T <sub>E</sub> X formats	Dumont	200
crossreference	Crossreferences within documents	Filby	213
crossreftools	Expandable extraction of cleveref data	Hupfer	265
crossrefware	Scripts for working with crossref.org	Veytsman	518
crosstex	Bibliography management tool	Burgess, Sirer	166
crossword	Typeset crossword puzzles	Neugebauer	362
crosswr	Macros for typesetting crossword puzzles	Hamilton Kelly, Mittelbach	281
crudetype	Line printer output from DVI files	Damerell	190
crumbs	Add a Navigation Path to the page header	Bugayenko	165
crw	Crossword macros for Plain T <sub>E</sub> X	van der Laan	308
cryptocode	Typesetting pseudocode, protocols, game-based proofs and black-box reductions in cryptography	Mittelbach	350
cryst	Font for graphical symbols used in crystallography	Müller	356
csassignments	A wrapper for article with macros and customizations for computer science assignments	Bartolomey	142
csbulletin	L <sup>A</sup> T <sub>E</sub> X class for articles submitted to the CSTUG Bulletin (Zpravodaj)	Novotný, Wagner	369
csfonts-t1	Czech/Slovak tuned CM fonts in Type 1 format	Olšák	378

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
csfonts	Czech/Slovak-tuned Computer Modern fonts	Novak, Horák, Lhotka, Olšák	369
csindex	Czech/Slovak version of MakeIndex	Plášil, Salvat, Wagner	396
cslatex	L <sup>A</sup> T <sub>E</sub> X support for Czech/Slovak typesetting	Zlatuška, Wagner, Snajdr	557
csname-doc	A list of plain.tex cs names	Unknown	505
csplain	Plain T <sub>E</sub> X multilanguage support	Olšák	379
cspsfonds	Czech/Slovakian PostScript font support	Olšák, Wagner	379
csquotes-de	German translation of csquotes documentation	Conrad, Faßbender, Römer	185
csquotes	Context sensitive quotation facilities	Lehman, Wright	315
css-colors	Named colors for web-safe design	Buxbaum	169
CSTeX	Support for Czech/Slovak languages	Olšák	379
cstypo	Czech typography rules enforced through LuaT <sub>E</sub> X hooks	Haisman	244
csv2latex	Convert spreadsheet table cells into L <sup>A</sup> T <sub>E</sub> X source	Munn, Counsell	358
csmmerge	Merge T <sub>E</sub> X code with csv data	Taylor	480
csvsimple	Simple CSV file processing	Sturm	468
csvtolatex	Link spread sheets to L <sup>A</sup> T <sub>E</sub> X	Pietsch	394
csvtools	Reading data from CSV files	Talbot	474
csx	Computer Sanskrit(/Extended) coding support on MS-DOS	Wujastyk, Friedlander	545
ctable	Flexible typesetting of table and figure floats using key/value directives	Dekker	191
ctablestack	Catcode table stable support	L <sup>A</sup> T <sub>E</sub> X Team	490
ctan-bibdata	Bibliography data for all CTAN packages	Voß	524
ctan-o-mat	Upload or validate a package for CTAN	Neugebauer	362
ctan_chk	CTAN guidelines verifier and corrector for uploading projects	Bone	156
ctanbib	Export CTAN entries to bib format	Hoftich	260
ctanify	Prepare a package for upload to CTAN	Pakin	383
CTAN tools	A jiffy to search CTAN file list	Huynh	266
ctanupload	Support for users uploading to CTAN	Scharrer	430
ctex-faq	L <sup>A</sup> T <sub>E</sub> X FAQ by the Chinese T <sub>E</sub> X Society (ctex.org)	Wu	545
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	314
ctib4tex	Tibetan for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X2e	Corff	185
ctie	C version of tie (merging Web change files)	Gilbey	228
cuisine	Typeset recipes	Cohen	183
culmus	Hebrew fonts from the Culmus project	Fogiel	218
cun	A cuneiform font	Grant	236
cuprum	Cuprum font family support for L <sup>A</sup> T <sub>E</sub> X	Roncaglia	420
currency	Format currencies in a consistent way	Lejay	316
currfile	Provide file name and path of input files	Scharrer	430
curriculum-vitae	Lightweight class for CVs	Prasad	399
currvita	Typeset a curriculum vitae	Reichert	408
cursolatex	A L <sup>A</sup> T <sub>E</sub> X tutorial	Campani	170
cursor	Draw a cursor in an equation	Spit	457
CurVe	A class for making curriculum vitae	Verna	517
curve2e	Extensions for package pict2e	Beccari	145
curves	Curves for L <sup>A</sup> T <sub>E</sub> X picture environment	Maclaine-Cross	334
custom-bib	Customised BibT <sub>E</sub> X styles	Daly	189
customdice	Simple commands for drawing customisable dice	Rowlett	424
customenvs	Custom environments (MCQ, list with picked items, ...)	Pierquet	392
cuted	Mixing onecolumn and twocolumn modes	Tolušis	497
cutwin	Cut a window in a paragraph, typeset material in it	Wilson, Hoenig, Carlisle	541
cv	A package for creating a curriculum vitae	Maier	336
cv4tw	L <sup>A</sup> T <sub>E</sub> X CV class, with extended details	Gouez	234
cvss	Compute and display CVSS base scores	Vivegnis	522

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
CVsty	Yet another style for easy CV pagination	Pereira	391
cweb-latex	A L <sup>A</sup> T <sub>E</sub> X version of CWEB	Schrod	438
cweb	A Web system in C	Knuth, Scherer, Levy	296
cwebbin	CWEB for ANSI-C/C++ compilers	Scherer	432
cweb-hy	Insert hyperlinks for included files	Melendez	345
cwebx	A system for Structured Software Documentation in C	van Leeuwen	315
cyber	Annotate compliance with cybersecurity requirements	Jennings	273
cybercic	“Controls in Contents” for the cyber package	Jennings	273
cyklop	The Cyclop typeface	Nowacki	369
cyriot	A script which was used on Cyprus for writing Greek	Wilson	539
cyriote	A font for ancient Cypriot Greek inscriptions	Stanier	460
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	524
cyrillic209	Provides basic L <sup>A</sup> T <sub>E</sub> X 2.09 font access to the Washington cyrillic fonts	Karney	278
cyrmemo	Details of using the AMS Cyrillic fonts	Beeton	148
cyr tug	EmTeX as distributed by CyrTUG	Goossens	234
czhyph	Hyphenation patterns for Czech	Unknown	505
czhyph2e	Convert Czech hyphenation patterns to standard encoding	Lemberg	317
<b>DDDDD</b>			
dad	Simple typesetting system for mixed Arabic/Latin documents	Haralambous	247
dancers	Font for Conan Doyle’s “The Dancing Men”	Stanier	460
dante-book-reviews	Book reviews published in DANTE’s journal	Faulhammer	211
dantelogo	A font for DANTE’s logo	Voß, Höppner	528
darkmode	General Dark Mode Support for L <sup>A</sup> T <sub>E</sub> X-Documents	Deisenroth	191
dashbox	Draw dashed boxes	Thomas	495
dashrule	Draw dashed rules	Pakin	383
dashundergaps	Produce gaps that are underlined, dotted or dashed	Mittelbach, Merciadri	351
dateref	Manage references to experimental data	Dietrich	194
datatool	Tools to load and manipulate data	Talbot	474
datatooltk	A Java GUI for preparing datatool input	Talbot	474
datax	Import individual data from script files	Gustavsson	243
dateiliste	Extensions of the \listfiles concept	Ebermann	201
datenumbr	Convert a date into a number and vice versa	Schröder	439
datepicker-pro	Create a popup datepicker using SWF	Story	465
dates	Macros for parsing date strings	Bennett	150
dates209	Flexible date macros	Clark	182
datestamp	Fixed date-stamps with LuaLaTeX	Unknown	505
datetime	Change format of \today with commands for current time	Talbot	474
datetime2-bahasai	Bahasai language module for the datetime2 package	Talbot	474
datetime2-basque	Basque language module for the datetime2 package	Talbot, Izaola	478
datetime2-breton	Breton language module for the datetime2 package	Talbot	474
datetime2-bulga...	Bulgarian language module for the datetime2 package	Talbot	474
datetime2-catalan	Catalan language module for the datetime2 package	Talbot	474
datetime2-croatian	Croatian language module for the datetime2 package	Talbot, Kokan	479
datetime2-czech	Czech language module for the datetime2 package	Talbot	474
datetime2-danish	Danish language module for the datetime2 package	Talbot	474
datetime2-dutch	Dutch language module for the datetime2 package	Talbot	474
datetime2-en-fu...	English Full Text styles for the datetime2 package	Talbot	474
datetime2-english	English language module for the datetime2 package	Talbot	475
datetime2-esper...	Esperanto language module for the datetime2 package	Talbot	475
datetime2-estonian	Estonian language module for the datetime2 package	Talbot	475
datetime2-finnish	Finnish language module for the datetime2 package	Välimäki, Talbot	514
datetime2-french	French language module for the datetime2 package	Talbot, Patience	479
datetime2-galician	Galician language module for the datetime2 package	Talbot	475
datetime2-german	German language module for the datetime2 package	Talbot, Friedl	478

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
datetime2-greek	Greek language module for the datetime2 package	Talbot	475
datetime2-hebrew	Hebrew language module for the datetime2 package	Talbot	475
datetime2-icela...	Icelandic language module for the datetime2 package	Talbot	475
datetime2-irish	Irish Gaelic Language Module for the datetime2 Package	Talbot	475
datetime2-it-fu...	Italian full text styles for the datetime2 package	Duchi	199
datetime2-italian	Italian language module for the datetime2 package	Talbot, Duchi	478
datetime2-latin	Latin language module for the datetime2 package	Talbot	475
datetime2-lsorbian	Lower Sorbian language module for the datetime2 package	Talbot	475
datetime2-magyar	Magyar language module for the datetime2 package	Talbot	475
datetime2-norsk	Norsk language module for the datetime2 package	Talbot	475
datetime2-polish	Polish language module for the datetime2 package	Talbot	475
datetime2-portuges	Portuguese language module for the datetime2 package	Talbot	475
datetime2-romanian	Romanian language module for the datetime2 package	Talbot, Patience	479
datetime2-russian	Russian language module for the datetime2 package	Talbot	475
datetime2-samin	Northern Sami language module for the datetime2 package	Talbot	475
datetime2-scottish	Scottish Gaelic Language Module for the datetime2 Package	Talbot	475
datetime2-serbian	Serbian language module for the datetime2 package	Talbot, Radović	479
datetime2-slovak	Slovak language module for the datetime2 package	Talbot	475
datetime2-slovene	Slovene language module for the datetime2 package	Talbot	476
datetime2-spanish	Spanish language module for the datetime2 package	Talbot	476
datetime2-swedish	Swedish language module for the datetime2 package	Talbot	476
datetime2-turkish	Turkish language module for the datetime2 package	Talbot	476
datetime2-ukrai...	Ukrainian language module for the datetime2 package	Talbot, Ponomarenko	479
datetime2-usorbian	Upper Sorbian language module for the datetime2 package	Talbot	476
datetime2-welsh	Welsh language module for the datetime2 package	Talbot	476
datetime2	Formats for dates, times and time zones	Talbot	474
dayofweek	Calculate day of week, phase of moon	Minow	349
DayRoman	The Day Roman typeface	Schmidt, Harcombe	434
daytime	Print time of day	Orlandini, Greenwade	380
db	Process simple databases inside L <sup>A</sup> T <sub>E</sub> X	Panagopoulos	385
dblfloatfix	Fixes for twocolumn floats	Høgholm	261
dblfnote	Double-column footnotes	Nakashima	361
dblfont	Blackboard bold font package	Bosisio	158
DB_process	Process database output	Eijkhout	204
dbshow	A package to store and display data with custom filters, orders, and styles	Li	318
dccpaper	Typeset papers for the International Journal of Digital Curation	Ball	140
dco	Use the DC fonts with old-style numerals	Kirsch	287
dcolumn	Align on the decimal point of numbers in tabular columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
dcounter	Support dynamic counters	Rozhenko	424
DCpic	Commutative diagrams in a L <sup>A</sup> T <sub>E</sub> X and T <sub>E</sub> X documents	Quaresma	401
ddphonism	Dodecaphonic diagrams: twelve-tone matrices, clock diagrams, etc.	Rubio Madrigal	334
de-macro	Expand private macros in a document	Gács	224
debate	Debates between reviewers	Bugayenko	165
decimal	L <sup>A</sup> T <sub>E</sub> X package for the English raised decimal point	Syropoulos, Nickalls	473
decision-table	An easy way to create Decision Model and Notation decision tables	Vandeveld, Pantigny	514
declare	Declare register names locally	Pittman, Burleson	396
decorule	Decorative swelled rule using font character	Flynn	218
decsci	BibTeX style for the journal Decision Sciences	Rubin	426
dectab	Align columns on a decimal point	Franklin	220
default	Provide default parameters for T <sub>E</sub> X macros	Jiang	273
deflist	A variation on the description environment	Unknown	505
defoldfonts	Define old font commands	Kohm	297
defstring	Define macros as verbatim macros	Unknown	505
degrade	Degrade JPEG images on the fly, prior to inclusion	Münster	358

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dehyph-expt1	Experimental hyphenation patterns for the German language	Lemberg, Hennig, Milde, Wehr	317
dehyph	German hyphenation patterns for traditional orthography	Lemberg, Raichle	317
dejavu-otf	Support for the ttf and otf DejaVu fonts	Voß	524
dejavu	L <sup>A</sup> T <sub>E</sub> X support for the DejaVu fonts	Farar	211
delarray	Delimiters for arrays	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
deleq	Flexible numbering of equations	Dahlgren	188
delig	Disable misplaced ligatures in L <sup>A</sup> T <sub>E</sub> X documents	Warner	533
delim	Simplify typesetting mathematical delimiters	Majewsky	336
delimseasy	Delimiter commands that are easy to use and resize	Graham	235
delimset	Typeset and declare sets of delimiters with convenient size control	Beisert	148
delimtxt	Read and parse text tables	Pedersen	389
democodetools	Package for L <sup>A</sup> T <sub>E</sub> X code documentation	Frigeri	223
denisbdoc	A personal dirty package for documenting packages	Bitouzé	153
deproc	Macros for DECUS proceedings articles	Beeton	148
derivative	Nice and easy derivatives	Jensen	273
desclist	Extended “description” lists	Rozhenko	424
designcon	Develop DesignCon papers	Pupalaikis	400
detex	Strip T <sub>E</sub> X from a source file	Trinkle	499
detexfaq	German T <sub>E</sub> X FAQ	Gundlach	242
devanagari-omega	Typeset Devanagari with Omega	Unknown	505
devanagari	Typeset Devanagari	Wagner, Pandey, Velthuis, Smith, Wujastyk, Patte	531
development	BibTeX style file for the journal Development	Eglen	203
dfgproposol	Support for writing proposals to the DFG	Kohlhase	296
dhua	German abbreviations using thin space	Lück	328
diabetes-logbook	A logbook for people with type one diabetes	Grigorov	240
diadia	Package to keep a diabetes diary	Kleber	288
diagbox	Table heads with diagonal lines	Liu	321
diagmac	A diagram drawing package	Reynolds	410
diagmac2	Diagram macros, using pict2e	Tennent, Reynolds	486
diagnose	A diagnostic tool for a T <sub>E</sub> X installation	Corff	185
diagramf	Labelled diagrams in Metafont	Gibbons, Jeffrey	228
diagrams	A CTAN collection of diagram macro packages	The CTAN Team	488
diagxy	Diagram macros by Michael Barr	Barr	141
dialogl	Macros for constructing interactive L <sup>A</sup> T <sub>E</sub> X scripts	Downes	197
dialogue	Quote short scripted dialogue in L <sup>A</sup> T <sub>E</sub> X	Swift	470
dice	A font for die faces	Heim	252
dichokey	Construct dichotomous identification keys	Dam	190
dickimaw	Books and tutorials from the “Dickimaw L <sup>A</sup> T <sub>E</sub> X Series”	Talbot	476
dictsym	DictSym font and macro package	Schmidt, Harcombe	434
diffcoeff	Write differential coefficients easily and consistently	Parsloe	387
digestif	Editor plugin for L <sup>A</sup> T <sub>E</sub> X, ConTeXt etc.	Stoffel	463
digicap-pro	Creates captions to digital photos	Story	465
digiconfigs	Writing “configurations”	Madsen	334
dijkstra	Dijkstra algorithm for L <sup>A</sup> T <sub>E</sub> X	Tellechea	481
dimnum	Commands for dimensionless numbers	Clemente	183
din1505	Bibliography styles for German texts	Lorenzen, Baumann	326
dinat	Bibliography style for German texts	Baumann	144
dinbrief-gui	GUI for L <sup>A</sup> T <sub>E</sub> X package dinbrief	Busch	168
dinbrief	German letter DIN style	Braune, Gussmann	161
dingbat	Two dingbat symbol fonts	Henderson, Pakin	254
directory	An address book using BibTeX	Geuzaine	227
directtex	TeX for the Macintosh	Ricken	411
dirtree	Display trees in the style of windows explorer	Charpentier	176



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dirtytalk	A package to typeset quotations easier	Klammmler	287
disser	Class and templates for typesetting dissertations in Russian	Kruchinin	303
ditaa	Use ditaa diagrams within L <sup>A</sup> T <sub>E</sub> X documents	Ukai	502
dithesis	A class for undergraduate theses at the University of Athens	Mantzouratos	337
divine	L <sup>A</sup> T <sub>E</sub> X support for the divine font	Veytsman	518
djgpp	DJGPP-based version of T <sub>E</sub> X for MS-DOS	Zaretskii	554
dk-bib	Danish variants of standard BibT <sub>E</sub> X styles	Jørgensen	274
dkhyphen	Danish hyphenation patterns	Jensen	273
dktools	Tools and libraries by Dirk Krause	Krause	302
dlfltxb	Macros related to "Introdktion til L <sup>A</sup> T <sub>E</sub> X"	Madsen	334
dmfonts	Virtual fonts to provide T1 encoding	Sullivan, Kunert	469
dmhgener	Equation, figure (etc.) numbering and referencing	Unknown	505
dnaseq	Format DNA base sequences	Pedersen	389
do-it-yourself-tex	Back to Plain XeT <sub>E</sub> X	Herz-Fischler	256
doafter	Do things after a group	Wooding	543
doc-pictex	A summary list of PicT <sub>E</sub> X documentation	Lück	328
doc	Format L <sup>A</sup> T <sub>E</sub> X documentation	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
docarc	Multi-user distributed bibliographic database system	Kieling	285
docassembly	Use the Acrobat JavaScript API	Story	465
docbytex	Creating documentation from source code	Olšák	379
doclicense	Support for putting documents under a license	Schneider	436
docmfp	Document non-L <sup>A</sup> T <sub>E</sub> X code	Robertson, Wilson	415
docmute	Input files ignoring L <sup>A</sup> T <sub>E</sub> X preamble, etc	Trzeciak	499
docshots	T <sub>E</sub> X samples next to their PDF Snapshots	Bugayenko	165
docstrip	Remove comments from file	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
docsurvey	A survey of L <sup>A</sup> T <sub>E</sub> X documentation	Dunn	200
doctools	Tools for the documentation of L <sup>A</sup> T <sub>E</sub> X code	Pospiech	398
documentation	Documentation support for C, Java and assembler code	Morales	353
docutils	Helper commands and element definitions for Docutils L <sup>A</sup> T <sub>E</sub> X output	Milde	348
dogma	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Dogma Font From Emigre Graphics	Veytsman	518
doi	Create correct hyperlinks for DOI numbers	Sneep, Oberdiek	455
doipubmed	Special commands for use in bibliographies	Talbot	476
domitian	Drop-in replacement for Palatino	Miller	348
dos-dc	A distribution of the DC fonts for emT <sub>E</sub> X	Schleicher, Schwarz	433
dosepsbin	Deal with DOS binary EPS files	Oberdiek	371
dot2tex	Convert graphs generated by Graphviz to L <sup>A</sup> T <sub>E</sub> X friendly formats	Fauske	211
dot2texi	Create graphs within L <sup>A</sup> T <sub>E</sub> X using the dot2tex tool	Fauske	211
dotarrow	Extendable dotted arrows	Schneider	437
dotlessi	Provides dotless i's and j's for use in any math font	Bezos López	322
dotlessj	Generates a dot-less j	Carlisle	170
dotseqn	Flush left equations with dotted leaders to the numbers	Arseneau	135
dottex	Use dot code in L <sup>A</sup> T <sub>E</sub> X	Kotthoff	301
doublecol	Double-column page macros for Plain T <sub>E</sub> X	Unknown	505
doublespace	Double space environment	Page	382
doublestroke	Typeset mathematical double stroke symbols	Kummer	307
doulossil	A font for typesetting the International Phonetic Alphabet (IPA)	Unknown	505
dow	Calculate day of week from a numeric date	Unknown	505
dowith	Apply a command to a list of items	Lück	328
download	Allow L <sup>A</sup> T <sub>E</sub> X to download files using an external process	Sigurdhsson	451
dox	Extend the doc package	Verna	517
dozenal	Typeset documents using base twelve numbering (also called "dozenal")	Goodman	233
DPcircling	Decorated text boxes using TikZ	Mitsuaki	350
dpfloat	Support for double-page floats	Fox	219
dprogress	LaT <sub>E</sub> X-relevant log information for debugging	Amberg	132

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dps	Create a "matching" game with a hidden message	Story	465
drac	Declare active character substitution, robustly	Henel, Noirel	255
draft	A L <sup>A</sup> T <sub>E</sub> X 2.09 style for supporting work on drafts	Baker	139
draftcopy	Identify draft copies	Vollmer	523
draftfigure	Replace figures with a white box and additional features	Bossert	158
drafthead	Mark "DRAFT" in page headers	Page	382
draftmark	Put draft marks on selected pages	Musa	359
draftwatermark	Put a grey textual watermark on document pages	Callegari	169
drama	Production-style stage script in L <sup>A</sup> T <sub>E</sub> X	Swift	470
dramatist	Typeset dramas, both in verse and in prose	Dominici	196
dratex	General drawing macros	Gurari	243
Drawing-with-Me...	How to draw technical diagrams with MetaPost	Thurston	495
drawing	Simple drawings with Metafont	Wagner	530
drawmatrix	Draw visual representations of matrices in L <sup>A</sup> T <sub>E</sub> X	Peise	390
drawstack	Draw execution stacks	Moy	355
drcaps	Simple dropped capitals	Shipunov	449
drftcite	Print the bibliography in "draft" mode	Arseneau	135
drm	A complete family of fonts written in Metafont	Goodman	233
droid	L <sup>A</sup> T <sub>E</sub> X support for the Droid font families	El Morabity, Matteson	353
droit-fr	Document class and bibliographic style for French law	de Saint-Pern	427
drop	Dropped capitals at the start of a paragraph (L <sup>A</sup> T <sub>E</sub> X 2.09)	Cantor, Wujastyk	170
dropcaps	Use dropped capitals to start a paragraph	Lauwers	313
dropping	Drop first letter of paragraphs	Dahlgren	189
drs	Typeset Discourse Representation Structures (DRS)	Dimitriadis	195
drv	Derivation trees with MetaPost	Méhats	345
dspticks	Macros for Digital Signal Processing plots	Prandoni	399
DSSerif	A double-struck serifed font for mathematical use	Sharpe	445
dtk-1.32	Document class for the journal of DANTE	Neugebauer, Voß	363
dtk-bibliography	Bibliography of "Die T <sub>E</sub> Xnische Komödie"	Ziegenhagen	556
dtk	Document class for the journal of DANTE	Voß, Niepraschk	529
dtl	Tools to dis-assemble and re-assemble DVI files	Tobin	496
dtxdescribe	Describe additional object types in dtx source files	Dunn	200
DTX gallery	A small collection of minimal DTX examples	Robertson	413
dtxgen	Creates a template for a self-extracting .dtx file	Dekker	191
dtxtut	Tutorial on writing .dtx and .ins files	Pakin	383
ducksay	Draw ASCII art of animals saying a specified message	Spratte	458
duckuments	Create duckified dummy content	Spratte	458
duerer-LaTeX	L <sup>A</sup> T <sub>E</sub> X support for the Duerer fonts	Jørgensen	275
duerer	Computer Duerer fonts	Hoenig	259
duotenzor	Drawing package for circuit and duotensor diagrams	Hardy	249
duplicat	Make duplicate page numbers distinct	Piff, Fairbairns, Carlisle	395
dutchcal	A reworking of ESSTIX13, adding a bold version	Sharpe	445
dvdcoll	A class for typesetting DVD archives	Kleber	288
dv gloss	Facilities for setting interlinear glossed text	Velleman	516
dvgt	Previewer for use on graphic and character-cell terminals	Tobin	496
dvgtk	Tektronix 401x DVI previewer	Cholewo	181
dvi-economic	Save paper while printing	Verhoeven	517
dvi2bitmap	Utility to convert T <sub>E</sub> X DVI files directly to bitmaps	Gray	237
dvi2ln3	LN03 driver based on DVItyp	Rose	420
dvi2tty	Produce ASCII from DVI	Lindahl, Mol, Tanaka	320
dvi2xx	A general-purpose DVI output for Hewlett-Packard printers	Neumann	363
DVIasm	A utility for editing DVI files	Cho, Hosny, Yamashita	181
dvibit	DVI driver for BBN bitgraph terminal	Senn, Schaad	444
dvibook	Utilities for manipulating DVI files	Duggan	200
dvichk	List the page numbers in a DVI file	Esken	207

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
dviconcat	Concatenates DVI files	Unknown	506
dvicopy	Copy DVI files, flattening VFs	Breitenlohner	161
dvidvi	Convert one DVI file into another	Rokicki, Zimanyi, T <sub>E</sub> XLive	419
dvi	Extract information from a DVI file	Lewenberg	318
dviincl	Include a DVI page into MetaPost output	BOP	156
dviinfox	Perl script to print DVI meta information	Yamashita, Langmyhr	548
dviijk	DVI to Laserjet output	Berry, Schrod, T <sub>E</sub> XLive	152
dvmmerge	Merge two DVI files together	Rahtz	403
dviout	TeX previewer and printer driver for MS-Windows	Toshio, Otobe, Asayama, Tanaka	498
dvipaste	DVI manipulation	MacKay, Spivak	334
dvipdfm	A DVI driver to produce PDF directly	Wicks	537
dvipdfmx-def	Configuration file for dvipdfmx graphics	Cho, Hirata, L <sup>A</sup> T <sub>E</sub> X Team	181
dvipdfmx	An extended version of dvipdfm	Cho, Franz, Hirata, Wicks, Hosny, Breitenlohner, T <sub>E</sub> XLive	181
dvipng	A fast DVI to PNG/GIF converter	Larsson	312
dvips-os2	OS/2 dvips	Kim	286
dvips-shell	A dvips Shell for MS-Windows32	Unknown	506
dvips	A DVI to PostScript driver	Rokicki, T <sub>E</sub> XLive	419
dvipscol	Alter the usage of the dvips colour stack	Oberdiek	371
dvipsconfig	Collection of dvips PostScript headers	Kuhlmann	305
dvipsk	Convert DVI to PostScript	Rokicki, Berry	419
dvisirule	Superimpose the covered hline and vline in a L <sup>A</sup> T <sub>E</sub> X tabular/colortbl environment	Senju	444
dvistd	A standard for DVI drivers	TUG DVI Standards Working Group	501
dvisun	DVI viewer for Sun2 systems	Hutchinson	266
dvisvgm-def	Colour and Graphics support for dvisvgm	L <sup>A</sup> T <sub>E</sub> X Team	490
dvisvgm	Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)	Giesecking	228
DVItoLN03	DVI output to Digital LN03 printer	Hamilton Kelly	281
dvitops	A DVI driver for PostScript output	Clark	182
dvitty	A plain-text output DVI driver	Lindahl	320
dvitype	Type out the content of a DVI file	Knuth	294
DVIVue	A DVI/PDF viewer for Windows	Frane Jr	276
dviwin	MS-Windows DVI screen and printer driver	Sendoukas	444
dynamicnumber	Dynamically typeset numbers and values in L <sup>A</sup> T <sub>E</sub> X through “symbolic links”	Pieters	394
dynblocks	A simple way to create dynamic blocks for Beamer	Fiandrino	213
dynbrackets	Commands to simplify the syntax of dynamic math brackets	Clemente	183
dynkin-diagrams	Draw Dynkin, Coxeter, and Satake diagrams using TikZ	McKay	343
dyntree	Construct Dynkin tree diagrams	Setzer	444
<b>EEEE</b>			
e-french	Comprehensive L <sup>A</sup> T <sub>E</sub> X support for French-language typesetting	Gaulle, Juillerat	226
ean	Macros for making EAN barcodes	Olšák	379
ean13isbn	Print EAN13 for ISBN	Wagner	531
easing	easing functions for pgfmath	Loh	321
easy-todo	To-do notes in a document	Rada-Vilela	402
easy	A collection of easy-to-use macros	Bertolazzi	152
easybib	Simple syntax for custom bibliographies	Bertolazzi	152
easybmat	Block matrices	Bertolazzi	152
easybook	Easily typesetting Chinese theses or books	Yi	551
EasyDTX	A simplified DTX format	Živanović	557
easyeqn	A simple package for writing equations	Bertolazzi	152

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
easyfig	Simplifying the use of common figures	Scharrer	430
easyfloats	An easier interface to insert figures, tables and other objects in L <sup>A</sup> T <sub>E</sub> X	Zöllner	557
easyformat	Easily add boldface, italics and smallcaps	Provoost	400
easyLaTeX	Faster and simpler writing of L <sup>A</sup> T <sub>E</sub> X documents	Shanks	444
easylist	Lists using a single active character	Isambert, Robbers	267
easymat	A simple package for writing matrices	Bertolazzi	152
easyReview	Package to provide a way to review (or perform editorial process) in L <sup>A</sup> T <sub>E</sub> X	Matos	340
easytable	A simple package for writing tables	Bertolazzi	152
easyvector	Write vectors in a C-like fashion	Bertolazzi	152
ebezier	Device independent picture environment enhancement	Bachmaier	139
ebgaramond-maths	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts in mathematics	Rees	407
ebgaramond	L <sup>A</sup> T <sub>E</sub> X support for EBGaramond fonts	Tennent	483
ebib	BibTeX database manager for GNU Emacs	Kremers	302
ebnf	Simple package for EBNF productions	Cugley	188
EBONG	Utility for writing Bengali in Rapid Roman Format	Banerjee	141
ebook	Helps creating an ebook by providing an ebook class	Steensgaard	461
ebproof	Formal proofs in the style of sequent calculus	Beffara	148
ebsthesis	Typesetting theses for economics	Baecker	139
ec-plain	Use EC fonts in Plain T <sub>E</sub> X	Taupin	480
ec	Computer modern fonts in T1 and TS1 encodings	Knappen, Schwarz	293
ecards	Electronic flash cards	Story	465
ecc	Sources for the European Concrete fonts	Schmidt, Harcombe	434
ecclesiastic	Typesetting Ecclesiastic Latin	Beccari	145
ecgdraw	Draws electrocardiograms (ECG)	Scavino, Aimé	429
ec1tree	Trees using epic and eepic macros	Isozaki	268
eco	Oldstyle numerals using EC fonts	Kirsch	287
ecobiblatex	Global Ecology and Biogeography BibL <sup>A</sup> T <sub>E</sub> X styles for the Biber back-end	Balak	139
econ-bst	BibTeX style for economics papers	Takeda	474
econlipsum	Generate sentences from economic articles	Coleman	184
Econometrica	BibTeX support for Econometrica	Border, Horny	157
econometrics	Defines some commands that simplify mathematic notation in economic and econometric writing	Kole	300
economic	BibTeX support for submitting to Economics journals	Henningsen, Wigle	256
ecothesis	L <sup>A</sup> T <sub>E</sub> X thesis template for the Universidade Federal de Viçosa (UFV), Brazil	Rodrigues	417
ecta	Bibliography style for submission to Econometrica	Perez-Duarte	391
ECV	A fancy Curriculum Vitae class	Haberstumpf, Neumann	243
eczar	A font family supporting Devanagari and Latin script	Unknown	506
ed	Editorial Notes for L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase	296
eddi4tex	Editor and shell for DOS and OS/2	Jahnz	270
edfnotes	Critical annotations to footnotes with ednotes	Lück	328
edichokey	Typeset dichotomous identification keys	Yang	548
editbar	Change bars for L <sup>A</sup> T <sub>E</sub> X 2.09	Van Geest	226
edmac	Typeset critical editions	Lavagnino, Wujastyk	313
edmargin	Multiple series of endnotes for critical editions	Burt	168
ednotes	Typeset scholarly editions	Lück	328
eehyph	Hyphenation patterns for the Estonian language	Saar	427
eemeir	Adjust the gender of words in a document	Hansen	246
eepic	Extensions to epic and the L <sup>A</sup> T <sub>E</sub> X drawing tools	Kwok, van Oostrum	308
efbox	Extension of \fbox, with controllable frames and colours	Malaquias	336
eforms	eForm support for the AcroTeX bundle	Story	465
ega2mf	Generate Metafont code for EGA screen fonts	Ridgeway	411
egameps	L <sup>A</sup> T <sub>E</sub> X package for typesetting extensive games	Osborne	381

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
egothic	Early Gothic manuscript book-hand font	Wilson	539
egpeirce	Draw existential graphs invented by Charles S. Peirce	Nikulainen	367
egplot	Encapsulate Gnuplot sources in L <sup>A</sup> T <sub>E</sub> X documents	Probst	400
ehhline	Extend the \hhline command	Paciorek	382
eiad-ltx	L <sup>A</sup> T <sub>E</sub> X support for the eiad font	Münch	357
eiad	Traditional style Irish fonts	Derzhanski	193
eijkhout	Victor Eijkhout's packages	Eijkhout	204
einfart	Write your articles in a simple and clear way	XU	546
einfuehrung	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	524
einfuehrung2	Examples from the book Einführung in L <sup>A</sup> T <sub>E</sub> X	Voß	524
eitl	Easy install of T <sub>E</sub> X Live	Niepraschk, Voß	367
ejpecp	Class for EJP and ECP	Šakuras, Gumbakis, Chafaï	427
ekaia	Article format for publishing the Basque Country Science and Technology Journal "Ekaia"	Ibarra	266
ekdosis	Typesetting TEI-xml compliant Critical Editions	Alessi	130
EkType-Tanka	Devanagari fonts by EkType	Unknown	506
elbioimp	A L <sup>A</sup> T <sub>E</sub> X document class for the Journal of Electrical Bioimpedance	Langmyhr	311
electrumadf	Electrum ADF fonts collection	Rees	407
eledform	Define textual variants	Rouquette	422
eledmac	Typeset scholarly editions	Rouquette	422
eledpar	Typeset scholarly editions in parallel texts	Rouquette	423
ElegantBook	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Books	Deng, Huang	193
ElegantNote	Elegant L <sup>A</sup> T <sub>E</sub> X Template for Notes	Deng	192
ElegantPaper	An Elegant L <sup>A</sup> T <sub>E</sub> X Template for Working Papers	Deng	193
elements	Provides properties of chemical elements	Niederberger	365
elhyphen	Hyphenation for Greek text	Filippou	214
ellipse	Draw ellipses and elliptical arcs using the standard L <sup>A</sup> T <sub>E</sub> X2e picture environment	Leijen	316
ellipsis	Fix uneven spacing around ellipses in L <sup>A</sup> T <sub>E</sub> X text mode	Heslin	256
elmath	Mathematics in Greek texts	Syropoulos, Potamianos	473
elocalloc	Local allocation macros for L <sup>A</sup> T <sub>E</sub> X 2015	Carlisle	171
elpres	A simple class for electronic presentations	Kiefel	284
els-cas-templates	Elsevier updated L <sup>A</sup> T <sub>E</sub> X templates	Radhakrishnan, T. Nair	402
elsarticle	Class for articles for submission to Elsevier journals	Radhakrishnan, Pepping, Ruck	402
elteiktdk	TDK-thesis template for Hungarian TDK conferences, Section of Computer Science	Cserép	187
elteikthesis	Thesis template for Eötvös Loránd University (Informatics)	Cserép	188
eltex	Simple circuit diagrams in L <sup>A</sup> T <sub>E</sub> X picture mode	Gajdosik	224
elvish	Fonts for typesetting Tolkien Elvish scripts	Bradfield	160
elzcards	Typeset business cards, index cards and flash cards easily	Lazo Zaia	552
emarks	Named mark registers with e-TeX	Chervet	178
embedall	Embed source files into the generated PDF	Sartori, Lichti	428
embedfile	Embed files into PDF	Oberdiek	371
embrac	Upright brackets in emphasised text	Niederberger	365
emerald	Support for the free emerald city fontwerks fonts	Rodríguez	417
emf	Support for the EMF symbol	Jørgensen	275
emisa	A L <sup>A</sup> T <sub>E</sub> X package for preparing manuscripts for the journal EMISA	Sievers, Strecker	451
emo	Emoji for all (L <sup>A</sup> T <sub>E</sub> X engines)	Grimm	240
emoji	Emoji support in (Lua)LaTeX	Zeng	554
emojicite	Add emojis to citations	Sixt	453
emp	"Encapsulate" MetaPost figures in a document	Ohl	378
empheq	EMPHasizing EQuations	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	261
emptypage	Make empty pages really empty	Wette	536



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
emtex	A T <sub>E</sub> X system for MS-DOS and OS/2	Mattes	340
emtexgi	A MS-Windows shell for emTeX	Cottrell	187
emtrees	Draw labelled trees, using emTeX \specials	Boegeholz	155
emulateapj	Produce output similar to that of APJ	Vikhlinin, Markevitch	522
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	493
encTeX	A T <sub>E</sub> X extension that translates input on its way into T <sub>E</sub> X	Olšák	379
encxvlna	Insert nonbreakable spaces, using encTeX	Wagner, Olšák	531
endfloat	Move floats to the end, leaving markers where they belong	Goldberg, Sommerfeldt	231
endheads	Running headers of the form "Notes to pp.xx-yy"	Burt	168
endiagram	Easy creation of potential energy curve diagrams	Niederberger	365
endnote	Generic "endnotes" code	Unknown	506
EndNote2bib	Convert EndNote files to BibTeX	Mathar	339
endnotes-hy	Patches the endnotes package to create hypertext links to the correct anchors	Story	465
endnotes	Place footnotes at the end	Gaulle, Lavagnino, Fairbairns, Carlisle	226
endnotesj	Japanese-style endnotes	Yamashita	548
endofproofwd	An "end of proof" sign	Jensen	273
engord	Converts numbers to English ordinal numbers	Oberdiek	371
engpron	Helps to type the pronunciation of English words	Henel	254
engrec	Enumerate with lower- or uppercase Greek letters	Henel	254
engtlc	Support for users in Telecommunications Engineering	Fiandrino	213
engwar	Font for typesetting Tolkien Engwar script	Urban	512
enigma	Encrypt documents with a three rotor Enigma	Gesang	227
enotez	Support for end-notes	Niederberger	365
enparen	Consistent nested brackets	Oberdiek	371
enpassant	Enpassant chess font support	Fischer	216
enumerate	Enumerate with redefinable labels	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
enumitem-zref	Extended references to items for enumitem package	Chervet	179
enumitem	Control layout of itemize, enumerate, description	Bezós López	322
enumspec	Enumerate with extra leading character for labels	Greenwade	238
enbig	Printing addresses on envelopes	Manda, Sherman	337
envelope	Print envelopes	Sherman	448
environ	A new interface for environments in L <sup>A</sup> T <sub>E</sub> X	Robertson	413
enlab	Addresses on envelopes or mailing labels	Veytsman	518
envmath	Maths commands and environments	Bosisio	158
eolang	Formulas and graphs for the EO programming language	Bugayenko	165
eoigrab	Catch arguments delimited by end of line	Oberdiek	371
epic	Enhance L <sup>A</sup> T <sub>E</sub> X picture mode	Podar	397
Epigrafica	A Greek and Latin font	Tsolomititis	499
epigram	Display short quotations	Hosek	263
epigraph-keys	Epigraphs using key values	McKay	343
epigraph	A package for typesetting epigraphs	Robertson, Wilson	415
epiolmec	Typesetting the Epi-Olmec Language	Syropoulos	471
ePiX	Utility for mathematically accurate, camera quality plots and line figures	Hwang	266
eplain	Extended plain T <sub>E</sub> X macros	Berry, Katsitadze, Sitaram	151
epmtfe	TeX environment for OS/2	Schmidt	433
epstein-trees	Macros for producing trees	Eppstein	207
eps2pdf	A Win32 GUI EPS to PDF convertor	Jakšić	271
epsdice	A scalable dice "font"	Heim	252
epsf-dvipdfmx	Plain T <sub>E</sub> X file for using epsf.tex with (x)dvipdfmx	Kakuto, Berry	277
epsf	Simple macros for EPS inclusion	Rokicki, Beebe	419
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	403
epsfig209	Obsolete graphics inclusion macros	Whaite	536

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
epsfview	Mac AppleScript tool for viewing figures generated with MetaPost	Bezos López	322
epsfx	A $\TeX$ macro package for including EPS graphics	BOP	156
epsincl	Include EPS in MetaPost figures	BOP	156
epslatex	Guide to using Encapsulated PostScript in $\LaTeX$	Reckdahl	407
epspdf-extra	Platform-specific extras for epspdf	Kroonenberg	303
epspdf-setup	epspdf with GUI installer	Kroonenberg	303
epspdf	Converter for PostScript, EPS and PDF	Kroonenberg	303
epspdfconversion	On-the-fly conversion of EPS to PDF	Becker	147
epstool	Manipulate Encapsulated PostScript (EPS)	Lang	311
epstopdf-pkg	Call epstopdf "on the fly"	Oberdiek	371
epstopdf	Convert EPS to PDF using Ghostscript	Wierda, Rahtz, Esser, Oberdiek, Berry	537
eq-fetchbbl	Match Biblical passages with verse references in a quiz	Story	465
eq-pin2corr	Add PIN security to the "Correct" button of a quiz created by exerquiz	Story	465
eq-save	Save exerquiz quizzes and resume	Story	465
eq2db	Convert a quiz to one submitted to a server-side script	Story	465
eqell	Sympathetically spaced ellipsis after punctuation	Filipović	214
eqexam	A stand-alone exam package	Story	465
eqexpl	Align explanations for formulas	Morenko	354
eqlist	Description lists with equal indentation	Väth	515
eqmark	Generalise facilities for marking equation arrays	Nitschke	368
Eqmlite/Free	$\TeX$ system and PDF support for Linux and OS/2	MicroPress	347
eqnalign	Make eqnarray behave like align	Hejda	252
eqname	Name tags for equations	Neugebauer	362
eqnarray	More generalised equation arrays with numbering	Winkler	542
eqnarray209	A fix for $\LaTeX$ 2.09 eqnarray	Jones	274
eqnumwarn	Modifies the amsmath equation environments to warn for a displaced equation number	Gleason	230
eqparbox	Create equal-width parboxes	Pakin	383
equationauthor	Visual equation editor	Manhiça	337
erdc	Style for Reports by US Army Corps of Engineers	Veytsman	518
erewhon-math	Utopia based OpenType Math font	Flipo	217
erewhon	Font package derived from Heuristica and Utopia	Sharpe	445
errata	Error markup for $\LaTeX$ documents	Kohlhase	297
erw-13	Utilities based on $\LaTeX$ 3	Rogard	418
esami	Typeset exams with scrambled questions and answers	Messineo, Vassallo	346
escapeTeXt	Make plain text safe for use in $\LaTeX$	Hefferon	251
esdiff	Simplify typesetting of derivatives	Saudrais	428
esieecv	Curriculum vitae for French use	Bayart	144
esindex	Typset index entries in Spanish documents	Bezos López	323
esint-type1	Font esint10 in Type 1 format	Nikunen	367
esint	Extended set of integrals for Computer Modern	Saudrais	428
esk	Package to encapsulate Sketch files in $\LaTeX$ sources	Kazimiers	280
eskd	Modern Russian typesetting	Fyodorov	224
eskdX	Modern Russian typesetting	Korikov	301
eslides	An option for article style to make slides	Denk	193
eso-pic	Add picture commands (or backgrounds) to every page	Niepraschk	366
esperant	Style option for writing Esperanto texts	Knappen	291
espo	Customisation for Esperanto	Unknown	506
esrelation	Provides a symbol set for describing relations between ordered pairs	Reinfurt	409
esstix	PostScript versions of the ESSTIX, with macro support	Sharpe	445
estcpmm	Style for Munitions Management Project Reports	Veytsman	519
esvect	Vector arrows	Saudrais	428
et	$\TeX$ -compatible editor	Collins	184
etaremun	Reverse-counting enumerate environment	Adriaens	129

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ETbb	An expansion of Edward Tufte's ET-Bembo family	Sharpe	445
etdipa	Simple, lightweight template for scientific documents	Laube	312
etex-pkg	E-Tex support package	Carlisle, Breitenlohner, L <sup>A</sup> T <sub>E</sub> X Team	172
e-Tex	An extended version of T <sub>E</sub> X, from the NTS project	Breitenlohner, T <sub>E</sub> XLive	161
etexcmds	Avoid name clashes with e-Tex commands	Oberdiek	372
etextools	e-Tex tools for L <sup>A</sup> T <sub>E</sub> X users and package writers	Chervet	179
ethiop-tl	Type 1 versions of Amharic fonts	Rosenau	421
ethiop	L <sup>A</sup> T <sub>E</sub> X macros and fonts for typesetting Amharic	Beyene, Kudlec, Kummer, Metzinger	152
ethtex	Fonts and L <sup>A</sup> T <sub>E</sub> X support for typesetting Amharic	Alamnehe	130
etl	Expandable token list operations	Spratte	458
etoc	Completely customisable TOCs	Burnol	166
etoolbox-de	German translation of documentation of etoolbox	Enderling	206
etoolbox-generic	A loader for etoolbox.sty in non-L <sup>A</sup> T <sub>E</sub> X formats	Živanović	557
etoolbox	e-Tex tools for L <sup>A</sup> T <sub>E</sub> X	Lehman, Wright	315
etruscan	Fonts for the Etruscan script	Wilson	539
etsvthor	Some useful abbreviations for members of e.t.s.v. Thor	Debets	191
euclideangeometry	Draw geometrical constructions	Beccari	145
EUenc	Unicode font encoding definitions for XeTeX	Robertson, Roux, Hosny	414
euflag	A command to reproduce the flag of the European Union	Flynn	218
eukdate	UK format dates, with weekday	Moschou	354
eukleides	A geometry drawing system	Obrecht	377
euler-math	OpenType version of Hermann Zapf's Euler maths font	Flipo	217
euler	Use AMS Euler fonts for math	Jensen	273
eulerpx	A modern interface for the Euler math fonts	Ouassou, Tijssen	381
eulervm	Euler virtual math fonts	Schmidt, Harcombe	434
euproposal	A class for preparing FP7 proposals	Kohlhase	297
euro-ce	Euro and CE sign font	de Wijn	538
euro	Provide Euro values for national currency amounts	Franz	220
eurofont	Provides a command that prints a euro symbol	McDonnell	343
euroitc	L <sup>A</sup> T <sub>E</sub> X interface for the ITC euro font symbols	Schlicht	433
europasscv	Unofficial class for the new version of the Europass curriculum vitae	Mazzamuto	342
EuropeCV	Unofficial class for European curricula vitae	Vitacolonna, Silano	522
europs	Access to Adobe's Euro currency symbol fonts	Clausen	183
eurosans	Interface to Adobe's sans-serif Euro font	Schmidt, Harcombe	434
eurosym	Metafont and macros for Euro sign	Theiling	494
eurotex	Multilingual macros for Plain T <sub>E</sub> X	Aavatsmark	128
euxunicode	Generate Unicode characters from accented glyphs	Robertson	413
Evangelion-JFM	A Japanese font metric supporting many advanced features	Huang	264
evautofl	Pages with cut lines and punch marks	Vicentini	520
evenpage	Ensure that the total number of pages is even	Bosisio	158
everyhook	Hooks for standard T <sub>E</sub> X token lists	Checkoway	177
everypage	Provide hooks to be run on every page of a document	Callegari	169
everyxel	Provides hooks into \selectfont	Schröder, Peischl	439
everyshi	Take action at every \shipout	Schröder, Peischl	439
evweek	Weekly calendar	Vicentini	521
exam-lite	Quicker preparation of exams in L <sup>A</sup> T <sub>E</sub> X	Kukovec	306
exam-n	Exam class, focused on collaborative authoring	Gray	237
exam-randomizec...	Randomize mc choices using the exam class	op den Brouw	163
exam-zh	L <sup>A</sup> T <sub>E</sub> X template for Chinese exams	Guo, Xia	243
exam	Package for typesetting exam scripts	Hirschhorn	258
exam209	Process exam questions and answers (L <sup>A</sup> T <sub>E</sub> X 2.09)	Greenwade	238
Exam design	L <sup>A</sup> T <sub>E</sub> X class for typesetting exams	Alexander	131
example	Typeset examples for T <sub>E</sub> X courses	Schrod	438

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
examplep	Verbatim phrases and listings in L <sup>A</sup> T <sub>E</sub> X	Szabó	473
exams	Typeset exam questions	van der Meer	345
examz	Randomized exams with multiple versions	McClain	342
excalibur	Macintosh spell checker	Zacccone	551
Excel2LaTeX	Convert Excel spreadsheets to L <sup>A</sup> T <sub>E</sub> X tables	Marder, Müller, Pearson, Hawryluk, Hughes, Kokan	337
Exceltex	Get data from Excel files into L <sup>A</sup> T <sub>E</sub> X	Doerr	195
excldeonly	Prevent files being \include-ed	Luecking, Arseneau	331
exercise	Typeset exercises, problems, etc. and their answers	Pichaureau	392
exercisebank	Creating and managing exercises, and reusing them as composed sets	Storvik Strauman	467
exercisepoints	A L <sup>A</sup> T <sub>E</sub> X package to count exercises and points	Kerstan	282
exercises	Typeset exercises and solutions with automatic addition of points	Jud	276
exerquiz	Environments for defining exercises and quizzes	Story	465
exesheet	Typesetting exercise or exam sheets	Missier	349
exframe	Framework for exercise problems	Beisert	149
exp-testopt	Expandable \@testopt (and related) macros	Ebermann	201
expdlist	Expanded description environments	Hülse, Kaspar	265
expex-acro	Wrapper for the expex package	Matter	340
expex-glossonly	Help gb4e and linguex users use the ExPex glossing macros	Munn	357
expex	Linguistic examples and glosses, with reference capabilities	Frampton	220
expkv-bundle	An expandable key=val implementation and friends	Spratte	458
expkv-cs	Define expandable key=val macros using expkv	Spratte	458
expkv-def	A key-defining frontend for expkv	Spratte	458
expkv-opt	Parse class and package options with expkv	Spratte	458
expkv	An expandable key=val implementation	Spratte	458
expl3	Wrapper package for experimental L <sup>A</sup> T <sub>E</sub> X3	L <sup>A</sup> T <sub>E</sub> X Team	490
export	Import and export values of L <sup>A</sup> T <sub>E</sub> X registers	Druchbert	198
expose-expl3-du...	Using expl3 to implement some numerical algorithms	Henel	254
expressg	Diagrams consisting of boxes, lines, and annotations	Wilson	539
exscale	Implements scaling of the 'cmex' fonts	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	351
exsheets	Create exercise sheets and exams	Niederberger	365
exsol	Exercises and solutions from the same source, into a book	Daems	188
extrarrows	Extra Arrows beyond those provided in amsmath	Huynh	266
extdash	A range of dash commands for compound words	Rozhenko	424
exteps	Include EPS figures in MetaPost	Jørgensen	275
extpfeil	Extensible arrows in mathematics	Ebermann	201
extract	Extract parts of a document and write to another document	Adriaens	129
extractpdfmark	Extract page mode and named destinations as PDFmark from PDF	Hosoda	263
extradefs	A miscellany of support macros	McPherson	344
extsizes	Extend the standard classes' size options	Kilfiger, May	285
<b>FFFF</b>			
fac	Macros for FAC journal	Woollatt, Reed, Notarmarco	544
facsimile	Document class for preparing faxes	Bronger	163
factura	Typeset and calculate invoices according to Venezuelan law	Lazo Zaia	552
facture-belge-s...	Simple Belgian invoice without VAT	Sebille	442
facture	Generate an invoice	Rouquette, Gombin, Deparis	423
fahyph	Hyphenation patterns for Persian (in Unicode)	Khalighi, bidi-tex GitHub Organisation	282
fail-fast	Turn warnings into errors	Bugayenko	165
fakebold	A simple macro for faking bold fonts	Unknown	506
faktor	Typeset quotient structures with L <sup>A</sup> T <sub>E</sub> X	Ebermann	201
faltblat	Making Leaflets	Klöckl	291
familytree	Draw family trees	Senju	444

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
famt	Project Reports and Notices in FAMT institute	Chavan, Desai, Kalyani, Mahadik	177
fancybox	Variants of \fbox and other games with boxes	Van Zandt	553
fancy chapters	Chapters with quotations	Heitkoetter	252
fancyfolien	Fancyhdr outline for German readers	Steffani	461
fancyhandout	A L <sup>A</sup> T <sub>E</sub> X class for producing nice-looking handouts	Friedl	222
fancyhdr-it	Italian translation of fancyhdr documentation	Agostini, Rigido	130
fancyhdr	Extensive control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X2e	van Oostrum	380
fancyhdrboxed	Elaborate page headers, specified in a non-L <sup>A</sup> T <sub>E</sub> X language	Algaba	131
fancyheadings	Legacy headings package	van Oostrum	380
fancylabel	Complex labelling with L <sup>A</sup> T <sub>E</sub> X	Siegel	450
fancynum	Typeset numbers	Green	238
fancypar	Decoration of individual paragraphs	Medina Arellano	134
fancyqr	Fancy QR-Codes with TikZ	Sihler	451
fancyref	A L <sup>A</sup> T <sub>E</sub> X package for fancy cross-referencing	Reichert	408
fancyslides	Custom presentation class built upon L <sup>A</sup> T <sub>E</sub> X Beamer	Łupkowski	331
fancytabs	Fancy page border tabs	Pinson	396
fancytooltips	Include a wide range of material in PDF tooltips	Mařík	337
fancyvrb	Sophisticated verbatim text	Van Zandt, Voß, Girou, Rahtz, Mansfield	553
fandol	Four basic fonts for Chinese typesetting	Ma	334
faq-de	The DANTE T <sub>E</sub> X Users Group Frequently Asked Questions	Raichle, Niepraschk, Hafner	404
faq-es	CervanTeX (Spanish T <sub>E</sub> X Group) FAQ	Martin	338
faq-fr	French FAQ of the GUTenberg T <sub>E</sub> X user group	Kluth, Just, Tanguy	291
fascicules	Create mathematical manuals for schools	Moritz	354
fast-diagram	Easy generation of FAST diagrams	Allais	132
fastpictex	Simple specification of PicTeX diagrams	Stauss	461
fax	Document class for preparing faxes	Rhebergen, de Jonge	410
fbf	A free Bembo-like font	Sharpe	445
fbthesis	Computer Science thesis class for University of Dortmund	Dierker	194
fbox	Extended \fbox macro from standard L <sup>A</sup> T <sub>E</sub> X	Voß	525
fbs	BibTeX style for Frontiers in Bioscience	Suckale	469
fc-arith	Create an arithmetic flash card	Story	465
fc	Fonts for African languages	Knappen	291
fcavtex	A thesis class for the FCAV/UNESP (Brazil)	Maldonado Jr	276
fchart	Flow diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Schollmeyer	437
fcitxdoc	Macros for use in the author's documentation	Chervet	179
fcolum	Typesetting financial tables	Olthof	379
fdsymbol	A maths symbol font	Ummels	503
fduthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Fudan University	Zeng	554
featpost	MetaPost macros for 3D	Gonçalves	232
fei	Class for academic works at FEI University Center — Brazil	De Rizzo Meneghetti	346
FenetreCas	Commands for CAS-like windows (Xcas or Geogebra) in TikZ	Pierquet	393
fenixpar	One-shot changes to token registers such as \everypar	Música de Rivera	412
fepslatex	French version of "graphics in L <sup>A</sup> T <sub>E</sub> X"	Drucbert	198
fetamont	Extended version of Knuth's logo typeface	Romer	419
fetchbibpes	Creates a DB of Bible verses from e-Sword, then fetches them on command	Story	465
fetchcls	Fetch the current class name	Giannotti	228
feupphdtheses	Typeset Engineering PhD theses at the University of Porto	Espinoza	207
fewerfloatpages	Reduce the number of unnecessary float pages	Mittelbach	350
feyn	A font for in-text Feynman diagrams	Gray	237
feynman	Feynman diagrams in L <sup>A</sup> T <sub>E</sub> X 2.09	Levine	318
feynmf	Macros and fonts for creating Feynman (and other) diagrams	Ohl	378
feynmp-auto	Automatic processing of feynmp graphics	Gregorio	239



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ffcode	Fixed-font code blocks formatted nicely	Bugayenko	165
ffslides	Freeform slides based on the article class	Wolters	543
fge	A font for Frege's Grundgesetze der Arithmetik	Green	238
fgruler	Draw rulers on the foreground or in the text	Tómacs	498
fi2t1	Tools for installing Type 1 fonts in MiKTeX	Kapune	278
fibeamer	Beamer theme for thesis defense presentations at Masaryk University (Brno, Czech Republic)	Novotný	369
fibnum	Generate Fibonacci numbers	Oberdiek	372
fifinddo-info	German HTML beamer presentation on nicetext and morehype	Lück	328
fifinddo	Filtering files using $\TeX$	Lück	328
fifo-stack	FIFO and stack implementation for package writers	Gaito	224
fig2eng	Convert fig files to English	Tobin	497
fig2lat	Convert .fig files to vector graphics	Krause	302
fig2mf	Convert fig output to Metafont	Starks	461
fig2mfpic	Convert fig output to mfpic	Tobin	497
fig2sty	Use fig as layout designer for $\LaTeX$	Rohner	419
fig2vect	Yet another Fig to vector converter	Krause	302
fig4latex	Management of figures for large $\LaTeX$ documents	Fields	213
figbas	Mini-fonts for figured-bass notation in music	Tennent	483
FigBib	Organize figure databases with BibTeX	Poland	397
figcaps	Collect figure captions for later printing	Daly	189
figchild	Pictures for creating children's activities	de Souza Bastos	457
figflow	Flow text around a figure	Hutchinson	266
figfrag	Convert xfig figures with embedded $\LaTeX$ commands to EPS	Ditzel	195
figplace	Floating figures in Plain $\TeX$	Zalmstra	552
figput	Create interactive figures in $\LaTeX$	Fairman	210
figsinltx	A tutorial on figures in $\LaTeX$ 2.09	Goel	231
FigSize	Auto-size graphics	Tanbakuchi	479
fihyph	Hyphenation patterns for Finnish language	Hellgren	253
filecontents	Create an external file from within a $\LaTeX$ document	Pakin	383
filecontentsdef	filecontents + macro + verbatim	Burnol	167
filedate	Access and compare info and modification dates	Lück	328
fileerr	LaTeX's mechanisms for dealing with file errors	Mittelbach	350
filehdr	Self-descriptions in file headers	Beebe	147
filehook	Hooks for input files	Scharrer	430
fileinfo	Enhanced display of $\LaTeX$ File Information	Lück	328
filemod	Provide file modification times, and compare them	Scharrer	430
fillform	Typeset answers to overprint on printed forms	Wagner	531
findbib	Find bibliographic details from SPIRES	Nesti, Goldstein	362
findhyph	Find hyphenated words in a document	Budaj	165
FiNK	The $\LaTeX$ 2e File Name Keeper	Verna	517
Finomaton	Comfortably draw and typeset finite state machines	Triska	499
finplain	A Finnish version of plain.bst	Kaijanaho	277
finstrut	Adjust behaviour of the ends of footnotes	Lück	328
fira	Fira fonts with $\LaTeX$ support	Tennent	483
firamath-otf	Use OpenType math font Fira Math	Voß	525
firamath	Fira sans serif font with Unicode math support	Zeng	554
firefox-ctan-pl...	Firefox search proformas for CTAN	Engler	206
first-latex-doc	A document for absolute $\LaTeX$ beginners	Hefferon, Pégourié-Gonnard, Berry	251
first-packages	A short list of go-to $\LaTeX$ packages, aimed at a beginner	Hefferon	251
firstline	Print the first line of a paragraph in a different font	Fox	220
firststeps-xampl	Examples from "First steps in $\LaTeX$ "	Grätzer	237
fistrum	Access to 150 paragraphs of Lorem Fistrum very dummy text	Davó	191
fitbox	Fit graphics on a page	Veytsman	519

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
fitch	L <sup>A</sup> T <sub>E</sub> X macros for Fitch-style natural deduction	Zach	552
fithesis	Thesis class and template for Masaryk University (Brno, Czech Republic)	Novotný	369
FitR	Set a rectangular destination and jump to it	Story	465
fix-cm	Permit Computer Modern fonts at arbitrary sizes	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	435
fix2col	Fix miscellaneous two column mode features	Carlisle	171
fixbbl	Patch bibliographies inappropriately broken by BibTeX	Stajano	460
fixcmex	Fully scalable version of Computer Modern Math Extension font	Gregorio	239
fixdif	Macros for typesetting differential operators	Zhang	555
fixfoot	Multiple use of the same footnote text	Fairbairns, Carlisle	209
fixjfm	Fix JFM (for *pTeX)	Zhang	555
fixlatvian	Improve Latvian language support in X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X	Vihrov	522
fixltx2e	Patches for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	490
fixltxhyph	Allow hyphenation of partially-emphasised substrings	Beccari	145
fixmath	Make maths comply with ISO 31-0:1992 to ISO 31-13:1992	Schmidt, Harcombe	434
Fixme	Collaborative annotation tool for L <sup>A</sup> T <sub>E</sub> X	Verna	517
fixmetodonotes	Add notes on document development	Barabucci	141
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	235
fixpdfmag	Fix magnification in pdfTeX	Bezós López	323
fiziko	A MetaPost library for physics textbook illustrations	Slyusarev	453
fjodor	A selection of layout styles	Filipović	214
flabels	Labels for files and folders	Börchers	157
flacards	Generate flashcards for printing	Stuhrmann	468
flagderiv	Flag style derivation package	van Tilburg	495
flags	Setting and clearing of flags in bit fields	Oberdiek	372
flashcard	Typeset flash cards	Kilfiger	285
flashcards	A class for typesetting flashcards	Budge, Vernon	165
flashmovie	Directly embed flash movies into PDF files	Hartmann	250
flatex	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Har-Peled	247
flatten	Flatten \input, etc., in a L <sup>A</sup> T <sub>E</sub> X file	Wilson	539
fldigal	Create a Flash slide show of digital photos	Story	465
flexipage	Flexible page geometry with marginalia	Vrba	530
flexisym	Symbol manipulation for breqn	Høgholm, Madsen, Robertson, Wright, Downes	261
flipbook	Typeset flipbook animations, in the corners of documents	Buffet	165
flippdf	Horizontal flipping of pages with pdfLaTeX	Callegari	169
float	Improved interface for floating objects	Lingnau	320
floatbytocbasic	An enhancement to package float using package tocbasic	Kohm	297
floatfig	Deprecated: Allows text to be wrapped around figures	Kneser	293
floatflt	Wrap text around floats	Dahlgren	189
floatnohead	Suppress page headings on float-only pages	Rahtz, Hosek	404
floatpag	Different pagestyles on float pages	Statulevičius	461
floatrow	Modifying the layout of floats	Lapko	311
floatrowbytocbasic	An enhancement to package floatrow using package tocbasic	Kohm	297
flow	Draw flow diagrams in picture mode	Brown	163
flowchart	Shapes for drawing flowcharts, using TikZ	Robson	416
flowfram	Create text frames for posters, brochures or magazines	Talbot	476
FlowframTk	Vector graphics application with support for flowfram.sty	Talbot	476
fltpage	Place caption on an adjacent page	Gross	241
fltpoint	Simple floating point arithmetic	Guthöhrlein	243
flushend	Balancing columns at last page	Tolušis	497
fmp	Include Functional MetaPost in L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	305
fmtcount	Display the value of a L <sup>A</sup> T <sub>E</sub> X counter in a variety of formats	Talbot, Belaïche	478
fn2end	Convert footnotes to endnotes	Border	157
fnbreak	Warn for split footnotes	Harders	248

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
incychap	Seven predefined chapter heading styles	Lindgren	320
incylab	Alter the format of \label references	Fairbairns, Carlisle	209
fnlineno	Number the lines of footnotes	Lück, Wette	330
fnote	Auto-numbered footnotes in Plain T <sub>E</sub> X	Unknown	506
fnpara-pln	Footnotes in paragraphs	Wujastyk	545
fnpara	Footnotes in paragraphs	Rowley, Wujastyk, Smith	424
fnpct	Manage footnote marks' interaction with punctuation	Niederberger	365
fnpos	Control the position of footnotes on the page	Nakashima	361
fnspe	Macros for supporting mainly students of FNSPE CTU in Prague	Zeman	554
fontguide	Documentation of L <sup>A</sup> T <sub>E</sub> X font commands	L <sup>A</sup> T <sub>E</sub> X Team	490
fontproof	A programmable font test pattern generator	Luecking	330
fnumprint	Print a number in 'appropriate' format	Schneider	437
foekfont	The title font of the Mads Føk magazine	Jørgensen	275
foilhtml	Interface between foiltex and L <sup>A</sup> T <sub>E</sub> X2HTML	Veytsman	519
foiltex	A L <sup>A</sup> T <sub>E</sub> X2e class for overhead transparencies	Hafner	244
folio	Use folio numbers to replace page numbers	Syrjänen	471
fonetika	Support for the Danish "Dania" phonetic system	Jørgensen	275
font-change-xetex	Macros to change text and mathematics fonts in plain XeTeX	Dhawan	194
font-change	Macros to change text and mathematics fonts in plain T <sub>E</sub> X	Dhawan	194
font_selection	Font selection for plain T <sub>E</sub> X	de Wijn	538
fontawesome	Font containing web-related icons	Danaux, Gandy	190
fontawesome5	Font Awesome 5 with L <sup>A</sup> T <sub>E</sub> X support	Krüger	304
fontaxes	Additional font axes for L <sup>A</sup> T <sub>E</sub> X	Bühmann, Ummels	166
fontbl	A font sampler	Beeman, MacKay	148
fontbook	Generate a font book	Pinson	396
fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X	Medina	344
fontchart	A font sampler	Lemberg	317
fontcinf	An introduction to font usage in L <sup>A</sup> T <sub>E</sub> X (German)	Bezos López, Ruedas	326
fontenc	Standard package for selecting font encodings	L <sup>A</sup> T <sub>E</sub> X Team	490
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	253
fontinstallatio...	Font installation guide	Lehman	315
fontload	A partial font downloading utility	Malyshev	337
fontloader-lua...	Alternative fontloaders for luaotfload	Fischer	216
fontmizz	Font Mfizz icons for use in L <sup>A</sup> T <sub>E</sub> X	Dungs	200
fontname	Scheme for naming fonts in T <sub>E</sub> X	Berry	151
fonttools	Tools to simplify using fonts (especially TT/OTF ones)	Penninga	390
fonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	279
fonts-churchsla...	Fonts for typesetting in Church Slavonic language	Kroutikov, Andreev	303
fonts-tlwg	Thai fonts for L <sup>A</sup> T <sub>E</sub> X from TLWG	Karoonboonyanan	279
fontssampler	Samples of fonts that come with T <sub>E</sub> X Live	Flynn	218
fontsetup-nonfree	A front-end to fontspec, for selected non-free fonts	Tsolomitis	500
fontsetup	A front-end to fontspec, for selected fonts with math support	Tsolomitis	499
fontsize	A small package to set arbitrary sizes for the main font of the document	Valbusa	514
fontsmpl	Print a sample of a font	Jeffrey	272
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	414
fonttable	Print font tables from a L <sup>A</sup> T <sub>E</sub> X document	Robertson, Wilson	415
fontwrap	Bind fonts to specific unicode blocks	Kamermans	278
footbib	Bibliographic references as footnotes	Domenjoud	195
footmisc	A range of footnote options	Fairbairns, Mittelbach	209
footmiscx	A range of footnote options	Roucariès	421
footnote	Improve on L <sup>A</sup> T <sub>E</sub> X's footnote handling	Wooding	543
footnotebackref	Back-references from footnotes	Lange	311
footnotehyper	hyperref aware footnote.sty	Burnol	167

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
footnoterange	References to ranges of footnotes	Münch	356
footnpag	Per-page numbering of footnotes	Schrod	438
forarray	Using array structures in L <sup>A</sup> T <sub>E</sub> X	Schröppel	439
foreign	Systematic treatment of ‘foreign’ words in documents	Ratcliffe	406
forest-quickstart	Quickstart Guide for Linguists package “forest”	Vanden Wyngaerd	545
forest	Drawing (linguistic) trees	Živanović	557
forindex	Manipulate \index commands in a L <sup>A</sup> T <sub>E</sub> X file	Milanese	347
forloop	Iteration in L <sup>A</sup> T <sub>E</sub> X	Setzer	444
formal-grammar	Typeset formal grammars	Vassor	515
format	Format a counter as a fixed-point number	Karney	278
formation-latex-ul	Introductory L <sup>A</sup> T <sub>E</sub> X course in French	Goulet	234
formlett	Letters to multiple recipients	Jiang	273
forms16be	Initialize form properties using big-endian encoding	Story	466
formula	Typesetting physical units	Tille	496
formular	Create forms containing field for manual entry	Wirth	542
fortran	Print Fortran programs	Toby	497
forum	Forum fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
fortex	Process XSL-FO	Rahtz	403
fouridx	Left sub- and superscripts in maths mode	Karrmann	279
fourier	Using Utopia fonts in L <sup>A</sup> T <sub>E</sub> X documents	Bovani	159
FourierNC	Use New Century Schoolbook text with Fourier maths fonts	Zedler, Sharpe	554
fourproject	Analyse and display the structure of a T <sub>E</sub> X document	Frambach	220
fourspell	Windows32 spell checker for T <sub>E</sub> X, RTF, HTML, and BibT <sub>E</sub> X	Frambach	220
fp	Fixed point arithmetic	Mehlich	345
fp1	SC and OsF fonts for URW Palladio L	Stubner	468
fpT <sub>E</sub> X	A web2C-based T <sub>E</sub> X system for MS-Windows32	Popineau	398
fragmaster	Using psfrag with pdfL <sup>A</sup> T <sub>E</sub> X	Domingo, Vogel	196
fragments	Fragments of L <sup>A</sup> T <sub>E</sub> X code	Carlisle	171
frame	Framed boxes for Plain T <sub>E</sub> X	Van Zandt, Voß	553
framed	Framed or shaded regions that can break across pages	Arseneau	135
francais-bst	Bibliographies conforming to French typographic standards	Goulet	235
frankenbundle	Develop and distribute L <sup>A</sup> T <sub>E</sub> X packages and classes and BibT <sub>E</sub> X styles	Swift	470
frankenstein-un...	Unsupported packages from the Frankenstein bundle	Swift	470
frankenstein	A collection of L <sup>A</sup> T <sub>E</sub> X packages	Swift	470
frcursive	French cursive hand fonts	Beffara	148
frederika2016	An OpenType Greek calligraphy font	Syropoulos	471
free-math-font-...	The survey of available free Mathematics fonts, translated to Vietnamese	Hòa	258
free-math-font-...	A survey of available free Mathematics fonts	Hartke	250
freetype	A full-featured font rasterizer library	Lemberg	317
frege	Typeset fregean Begriffsschrift	Pamp	385
french-translat...	French translation project	Bayart	144
frenchle	French macros, usable stand-alone or with Babel	Gaulle, Juillerat	226
frenchmath	Typesetting mathematics according to French rules	Missier	349
frenchpunct	Implement French-style spacing at punctuation	Roy	424
frenchpro	Professional typesetting of French documents	Gaulle	225
frenchquote	Make something like guillemets	Unknown	506
frhyph	French hyphenation patterns	Flipo	217
FriBidiXeT <sub>E</sub> X	A pre-processor for XeT <sub>E</sub> X files to support unicode bidirectional algorithm	Khalighi, bidi-tex GitHub Organisation	283
fribrief	Two L <sup>A</sup> T <sub>E</sub> X classes for writing letters in German	Fries	223
frimurer	Access to the ‘frimurer’ cipher for use with L <sup>A</sup> T <sub>E</sub> X	Jørgensen	275
frletter	Typeset letters in the French style	Andronic	133
frontespizio	Create a frontispiece for Italian theses	Gregorio	239
froufrou	Fancy section separators	Lago	309

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
frpseudocode	French translation for the algorithmicx package	Irwin	267
ftc-notebook	Typeset FIRST Tech Challenge (FTC) notebooks	Team Robocracy	481
ftcap	Allows \caption at the beginning of a table-environment	Steffani	461
ftetx	TeX support in FTE text editor	Zydowitz	558
ftn	L <sup>A</sup> T <sub>E</sub> X footnotes anywhere	Thorup	495
ftnright	Footnotes in two column documents in one column only	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	351
ftnextra	Extend the applicability of the \footnote command	Khalighi, bidi-tex GitHub Organisation	283
fullblk	Left-blocking for letter class	Cloos Jr.	276
fullminipage	Minipage spanning a complete page	Schneider	436
fullpage	Set all page margins to 1.5cm	Daly	189
fullpict	Full page pictures	Shawyer	448
fullwidth	Adjust margins of text block	Daniel	190
functan	Macros for functional analysis and PDE theory	Lejay	316
functional	Provide an intuitive functional programming interface for L <sup>A</sup> T <sub>E</sub> X2	Lyu	333
fundus-calligra	Support for the calligra font in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	362
fundus-cyr	Support for Washington University Cyrillic fonts	Neugebauer	362
fundus-la	Support for the la and lla fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	362
fundus-outline	L <sup>A</sup> T <sub>E</sub> X support for CM outline fonts	Neugebauer	362
fundus-pvscript	Support for Vanroose handwriting font	Neugebauer	362
fundus-startrek	‘Startrek’ fonts, and macros to support them	Neugebauer	363
fundus-sueterlin	Sütterlin	Neugebauer	363
fundus-twcal	L <sup>A</sup> T <sub>E</sub> X support for the twcal handwriting font	Neugebauer	363
fundus-va	Support for the va fonts in L <sup>A</sup> T <sub>E</sub> X documents	Neugebauer	363
fundus	Providing L <sup>A</sup> T <sub>E</sub> X access to various font families	Neugebauer	362
funnelweb	A flexible, language-independent web system	Coates	183
futhark	Fonts for the Older Futhark script	deyAvemta	194
futhorc	Anglo-Friesic futhorc alphabet font	Pantke	386
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	519
fvextra	Extensions and patches for fancyvrb	Poore	397
fweb	A literate programming tool working with L <sup>A</sup> T <sub>E</sub> X	Krommes	303
fwlw	Get first and last words of a page	Arseneau	135
<b>GGGGG</b>			
g-brief	Letter document class	Lenzen	318
gaceta	A class to typeset La Gaceta de la RSME	Varona	515
gahyph	Hyphenation patterns for the Irish language	Scannell	429
galois	Typeset Galois connections	Cousot	187
gamebook	Typeset gamebooks and other interactive novels	Miede	347
Gamebooklib	Macros for setting numbered entries in shuffled order	Lee	314
gammass	Template for the GAMM Archive for Students	GAMM Juniors, Kern, Bartelt, Unger, Hansen-Doerr	225
gandhi	Gandhi Serif and Sans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
gapfill	Generate L <sup>A</sup> T <sub>E</sub> X picture environments from PostScript output of drawing programs	Möller	352
garamond-libre	The Garamond Libre font face	Miller, Tennent	349
garamond-math	An OTF math font matching EB Garamond	Zhao, Zeng	555
garamondx	‘Expert’-like extensions to URW Garamond, and maths italic	Sharpe	446
garrigues	MetaPost macros for the reproduction of Garrigues’ Easter nomogram	Roegel	417
GasTeX	Graphs and Automata Simplified in T <sub>E</sub> X	Gastin	225
gatech-thesis	Georgia Institute of Technology thesis class	Keller, Wilson	281
gates	Support for writing modular and customisable code	Isambert, Robbers	267
gatherenum	A crossover of align* and enumerate	Rivaud	411
gauss	A package for Gaussian operations	Kauers	280



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gb4e	Linguistic tools	Kolb, Thiersch, Dimitriadis	300
gbrief-creator	A front end for the gbrief package	Schinke	432
gbt7714	BibTeX implementation of China's bibliography style standard GB/T 7714-2015	Lee	314
gcard	Arrange text on a sheet to fold into a greeting card	McBane	342
gchords	Typeset guitar chords	Peeters	389
gcite	Citations in a reader-friendly style	Atkinson, Phillips	138
gckanbun	Kanbun typesetting for (u)pl <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Yamamoto	547
gelasio	L <sup>A</sup> T <sub>E</sub> X support for the Gelasio family of fonts	Tennent	483
GELLMU	LaTeX-like markup for writing XML documents	Hammond	246
gen	Genealogy symbols	Knuth	294
gender	Gender neutrality for languages with grammatical gender	Banhardt	141
gene-logic	Typeset logic formulae, etc	Neugebauer	363
genealogy	A compilation genealogy font	Roegel	417
genealogytree	Pedigree and genealogical tree diagrams	Sturm	468
genfam	Run Metafont to produce the bitmap fonts	Schrod	438
genindex	Alternative index series	Smith	454
genmpage	Generalization of L <sup>A</sup> T <sub>E</sub> X's minipages	Lotze	327
gensymb	Generic symbols for both text and math mode	Schmidt, Harcombe	434
gentabtex	Python helper for creating tables	Algaba	131
gentium-original	Gentium font and support files	Schmitz, Miklavec	436
gentium-tug	Gentium fonts (in two formats) and support files	Berry, Miklavec, Farar, Schmitz	152
gentl-gr	Modern Greek translation of the Gentle Introduction to T <sub>E</sub> X	Filippou	214
gentle	A Gentle Introduction to T <sub>E</sub> X	Doob	196
gentombow	Generate Japanese-style crop marks	Yamashita	548
geometry-de	German documentation for the geometry package	Umeki	502
geometry	Flexible and complete interface to document dimensions	Umeki, Carlisle	503
geomsty	Macros used in typesetting a geometry book	Levy	318
geophysics	Articles for the journal Geophysics	Gildea	229
georgian-stanier	A Georgian font	Stanier	460
georgian	Support for typesetting in Georgian	Shoshiashvili	449
geradwp	Document class for the Cahiers du GERAD series	Hamel	245
german	Support for German typography	Raichle	404
germbib	German variants of standard BibTeX styles	Harders	248
germdoc	A collection of documentation available in German	Unknown	506
germkorr	Change kerning for German quotation marks	Baumann	144
geschichtsfrkl	BibL <sup>A</sup> T <sub>E</sub> X style for historians	Zachhuber	552
getargs	A flexible list-parsing macro with configurable parsing character	Segletes	443
getfiledate	Find the date of last modification of a file	Musa	359
getitems	Gathering items from a list-like environment	Hendrickson	254
getmap	Download OpenStreetMap maps for use in documents	Kleber	288
getoptk	Define macros with sophisticated options	Le Barbier Grünwald	241
getrefs	BibTeX style to sort by "journal" entries of references	Deutscher	194
getttitlestring	Clean up title references	Oberdiek	372
gfdl	Support for using GFDL in L <sup>A</sup> T <sub>E</sub> X	Unknown	506
gfnotation	Typeset Gottlob Frege's notation in plain T <sub>E</sub> X	Wermuth	536
GFS	The GFS font collection	Tsolomitis, Matthiopoulos, The Greek Font Society	500
GFS Artemisia	A modern Greek font design	Tsolomitis, Matthiopoulos, The Greek Font Society	500
GFS Baskerville	A Greek font, from one such by Baskerville	Tsolomitis, The Greek Font Society	500
GFS Bodoni	A Greek and Latin font based on Bodoni	Tsolomitis, The Greek Font Society	500

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
GFS Complutum	A Greek font with a long history	Tsolomitis, Matthiopoulos	500
GFSDidot	A Greek font based on Didot's work	Tsolomitis, Aubord, Matthiopoulos, The Greek Font Society	500
GFSDidotClassic	The classic version of GFSDidot	Tsolomitis	500
GFS NeoHellenic	A font in the Neo-Hellenic style	Tsolomitis, The Greek Font Society	501
GFSNeoHellenicMath	A math font in the Neo-Hellenic style	Tsolomitis	500
GFS Porson	A Greek font, originally from Porson	Tsolomitis, The Greek Font Society	501
GFS Solomos	A Greek-alphabet font	Tsolomitis	500
ghab	Typeset ghab boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	283
ghostscript	Freely available PostScript interpreter	Deutsch	194
ghsystem	Globally harmonised system of chemical (etc) naming	Niederberger	365
gillcm	Alternative unslanted italic Computer Modern fonts	Veytsman	519
gillius	Gillius fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
gincitex	Include T <sub>E</sub> X files as graphics (.tex support for \includegraphics)	Scharrer	430
gindex	Formatting indexes	Bezós López	323
ginpenc	Modification of inputenc for German	Harders	248
git-latexdiff	Call latexdiff on two Git revisions of a file	Moy	355
gitfile-info	Get git metadata for a specific file	Hilbig	257
gitinfo	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	322
gitinfo2	Access metadata from the git distributed version control system	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	322
gitlog	Typesetting git changelogs	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	322
gitstatus	Include Git information in the document as watermark or via variables	Gruber	241
gitver	Get the current git hash of a project and typeset it in the document	Baynham	144
gkpmac	The macros used in "Concrete Mathematics"	Knuth	294
gl-tree	Linguistic trees with a preprocessor	Lee	313
GladTeX	L <sup>A</sup> T <sub>E</sub> X equations in HTML	Gulbrandsen, Humenda	242
gleitobjekte	Tutorial from a DANTE meeting in November 1997	Reichert	408
glhyph	Hyphenation patterns for Galician	Múgica de Rivera	412
globalvals	Declare global variables	Baynham	144
glonti	Virtual fonts for T2A-encoded fonts	Glonti	230
glosmathtools	Mathematical nomenclature tools based on the glossaries package	Gagnon	224
gloss-occitan	Polyglossia support for Occitan	Valmary	514
gloss	Create glossaries using BibTeX	de Arriba, Bezós López	134
glossaries-accsupp	Accessibility support for glossaries	Talbot	476
glossaries-danish	Danish language module for glossaries package	Talbot	476
glossaries-dutch	Dutch language module for glossaries package	Talbot	476
glossaries-english	English language module for glossaries package	Talbot	476
glossaries-esto...	Estonian language module for glossaries package	Kankainen	278
glossaries-extra	An extension to the glossaries package	Talbot	476
glossaries-finnish	Finnish language module for glossaries package	Välimäki	514
glossaries-french	French language module for glossaries package	Talbot, Bitouzé, Belaïche	478
glossaries-german	German language module for glossaries package	Talbot	477
glossaries-irish	Irish language module for glossaries package	Talbot	477
glossaries-italian	Italian language module for glossaries package	Talbot	477
glossaries-magyar	Magyar language module for glossaries package	Talbot	477
glossaries-norsk	Norsk Bokmål language module for the glossaries Package	Stendahl	462
glossaries-nynorsk	Nynorsk language module for the glossaries package	Haustrveit	251
glossaries-polish	Polish language module for glossaries package	Talbot	477
glossaries-port...	Portuguese language module for glossaries package	Talbot	477
glossaries-serbian	Serbian language module for glossaries package	Talbot	477
glossaries-slovene	Slovene language module for glossaries package	Bačić	139

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
glossaries-spanish	Spanish language module for glossaries package	Talbot	477
glossaries-swedish	Swedish language module for glossaries package	Nyqvist	370
glossaries	Create glossaries and lists of acronyms	Talbot	476
glossary	Create a glossary	Talbot	477
glostex	Prepare glossaries in L <sup>A</sup> T <sub>E</sub> X	Yavuz	551
glotex	A glossary processor	Aurbach, Hantelmann, Iani- gro	138
gmdoc-enhance	Some enhancements to the gmdoc package	Ebermann	201
gmdoc	Documentation of L <sup>A</sup> T <sub>E</sub> X packages	Murzynowski	359
gmeometric	Change page size wherever it's safe	Murzynowski	359
gmiflink	Simplify usage of \hypertarget and \hyperlink	Murzynowski	359
gmp	Enable integration between MetaPost pictures and L <sup>A</sup> T <sub>E</sub> X	Gregorio	239
gmutils	Support macros for other packages	Murzynowski	359
gmverb	A variant of L <sup>A</sup> T <sub>E</sub> X \verb, verbatim and shortvrb	Murzynowski	359
gmverse	A package for typesetting (short) poems	Murzynowski	359
gnu-freefont	A Unicode font, with rather wide coverage	White	537
gnuplot	General purpose plotting program	Hecking, Williams, Kelley	251
gnuplottex	Embed Gnuplot commands in L <sup>A</sup> T <sub>E</sub> X documents	Kotthoff	301
go-make	A make variant for L <sup>A</sup> T <sub>E</sub> X documents	Musliner	360
go	Fonts and macros for typesetting go games	Kołodziejska	300
gobble	More gobble macros for PlainT <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Scharrer	430
goblin	Tolkien's goblin alphabet	Stanier	460
gofonts	GoSans and GoMono fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
gost	BibT <sub>E</sub> X styles to format according to GOST	Polyakov, Kotelnikov	397
gothic	A collection of old German-style fonts	Haralambous, Schrell, Ludewig, Bronger, Taupin	247
gotoh	An implementation of the Gotoh sequence alignment algorithm	Asakura	137
gpdata	Cause MetaPost graph package to ignore '#'-comments	Vieth	521
gplot	CGM-based graphics support	Andrews	133
grabbox	Read an argument into a box and execute the code afterwards	Spratte	459
gradback	Gradient backgrounds for dvips output	Pedersen	389
gradient-text	Decorate text with linear gradient colors	Du	199
gradientframe	Simple gradient frames around objects	Raue	406
grading-scheme	Typeset grading schemes in tabular format	Keßler	282
gradstudentresume	A generic template for graduate student resumes	Kumar	306
grafcet	Draw Grafcet/SFC with TikZ	Papanicola	386
grafik	EPS graphics under Windows	Dübendorfer	199
grant	Classes for formatting federal grant proposals	Karr	279
graph35	Draw keys and screen items of several Casio calculators	Paternault	388
GraphBase	A platform for combinatorial algorithms	Knuth	294
graphbox	Extend graphicx to improve placement of graphics	Beisert	149
GraphConv	Convert graph files to PSTricks	Chicoine	180
grapher	Create graphs, state machine and data flow diagrams	Algaba	131
graphfig	Simpler graphic, subfigure and float	Bosisio	158
graphicp	An enhanced version of graphics	Szabó	473
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	490
graphics-def	Colour and graphics option files	L <sup>A</sup> T <sub>E</sub> X Team, Wright	494
graphics-pln	LaTeX-style graphics for Plain T <sub>E</sub> X users	Carlisle	171
graphics	Standard L <sup>A</sup> T <sub>E</sub> X graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
graphicscache	Cache includegraphics calls	Schwarz	441
graphicx-psmin	Reduce size of PostScript files by not repeating images	Adriaens	129
graphicx	Enhanced support for graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
graphicxbox	Insert a graphical image as a background	Story	466
graphicxpsd	Adobe Photoshop Data format (PSD) support for graphicx package	Yamamoto	547
GraphicxSP	An extension of the graphicx package	Story	466

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
graphpap	For producing graph paper	Lamport, L <sup>A</sup> T <sub>E</sub> X Team	310
graphpaper	A L <sup>A</sup> T <sub>E</sub> X class to generate several types of graph papers	Biccari, Beccari	152
GraphTeX	Graphs theory and related diagrams in a T <sub>E</sub> X document	Pliam	396
graphviz	Write graphviz (dot+neato) inline in L <sup>A</sup> T <sub>E</sub> X documents	Rayside	406
gray	Fonts for gray-scales	Knuth	294
grayhints	Produce ‘gray hints’ to a variable text field	Story	466
grchyph	Hyphenation for classical Greek, under XeTeX	Codet	183
greek-fontenc	LICR macros and encoding definition files for Greek	Milde	348
greek-inputenc	Greek encoding support for inputenc	Syropoulos, Filippou, Milde	473
greek-makeindex	Makeindex working with Greek	Syropoulos	471
greek4cbc	A Greek font from 394BC	Wilson	539
greek6cbc	A Greek font from the sixth century BC	Wilson	539
greekctr	Represent counters by letters of the Greek alphabet	Knappen	292
greekdates	Provides ancient Greek day and month names, dates, etc	Tsolomitis	500
greekinfo3	Overview of systems, packages, and fonts for Greek T <sub>E</sub> X	Dimakos, Filippou	195
grektex-fd	L <sup>A</sup> T <sub>E</sub> X font definition files for GreekTeX	Brodnik	162
grektex	Fonts for typesetting Greek/English documents	Moschovakis, Sfyrakis	354
greetonoi	Facilitates writing/editing of multiaccented greek	Cornaros	186
greenpoint	The Green Point logo	Triska	499
gregoriotex	Engraving Gregorian Chant scores	Roux, So, Springuel	424
grfext	Manipulate the graphics package’s list of extensions	Oberdiek	372
grffile	Extended file name support for graphics (legacy package)	Oberdiek	372
grfguide	L <sup>A</sup> T <sub>E</sub> X standard graphics and color packages documentation	Carlisle	171
grfpaste	Include fragments of a dvi file	Carlisle	171
grid-system	Page organisation, modelled on CSS facilities	Bitzl	153
grid	Grid typesetting in L <sup>A</sup> T <sub>E</sub> X	River Valley Technologies	411
gridpapers	Graph paper backgrounds and color schemes	McNees, Stein	344
gridset	Grid, a.k.a. in-register, setting	Kohm	297
gridslides	Free form slides with blocks placed on a grid	Mendler	346
grkfinst	Install Greek Type 1 fonts	Kryukov	304
grnumalt	Ancient Greek (Athenian) numbers	Syropoulos	471
grtimes	Typeset Greek text with Times New Roman Greek	Syropoulos	471
grundgesetze	Typeset Frege’s Grundgesetze der Arithmetik	Rosberg	421
grverb	Typesetting Greek verbatim	Syropoulos	471
GS1	Typeset EAN barcodes using T <sub>E</sub> X rules, only	Kohm	297
gsemthesis	Geneva School of Economics and Management PhD thesis format	Rousseaux	423
gsftopk	Convert “Ghostscript fonts” to PK files	Vojta	523
gsview	View PostScript under MS-Windows or OS/2	Lang	311
gtex-letter	A Gnome assistant to ease the writing of L <sup>A</sup> T <sub>E</sub> X letters	Folini	219
gtl	Manipulating generalized token lists	Le Floch	217
gtrcrd	Add chords to lyrics	Bresciani	162
gtrlib.largetrees	Library for genealogytree aiming at large trees	Grewe	240
gu	Typeset crystallographic group-subgroup-schemes	Lange	311
guarani	Guarani support	Bezos López	323
gudea	The Gudea font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
guia-bibtex	Guia casi completa de BibTeX	López	326
guide-latex-fr	A french guide on L <sup>A</sup> T <sub>E</sub> X – for beginners or advanced users	Bouzigues	159
GuIT-corso	Introduzione al mondo di L <sup>A</sup> T <sub>E</sub> X	Himmelman, Vavassori,	258
		Busdraghi	
guitar	Guitar chords and song texts	Väth	515
guitarchordschemes	Guitar Chord and Scale Tablatures	Niederberger	365
guitartabs	A class for drawing guitar tablatures easily	Babushkin	139
GuITbeamer	Beamer-based class for GuIT presentations	Vavassori	516
GuITlogo	Macros for typesetting the GuIT logo	Vicentini	521
gurmukhi-singh	Support for Gurmukhi in T <sub>E</sub> X	Singh	452

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
gurmukhi	Support for Gurmukhi	Pandey	385
gurps	Typeset Generic Universal Role Playing System (GURPS) materials	Farley	211
GUTenberg	French T <sub>E</sub> X Users Group information	Just	276
gv-savepos	A patch to gv to save positions	Thành	487
gv	An X front end for Ghostscript	Marchesi	337
gzt	Bundle of classes for “La Gazette des Mathématiciens”	Bitouzé	153
<b>HHHHH</b>			
h2020proposal	L <sup>A</sup> T <sub>E</sub> X class and template for EU H2020 RIA proposal	Indiveri	267
ha-prosper	Patches and improvements for prosper	Adriaens	129
hackalloc	Make allocations local	Unknown	506
hackthefootline	Footline selection and configuration for L <sup>A</sup> T <sub>E</sub> X beamer’s standard themes	Friedl	222
hacm	Font support for the Arka language	Miyatani	352
hagenberg-thesis	Collection of L <sup>A</sup> T <sub>E</sub> X classes, style files and example documents for academic manuscripts	Burger, Hochleitner	166
halftone	Knuth’s halftone font and its uses	Clark, Knuth	182
halloweenmath	Scary and creepy math symbols with AMS-L <sup>A</sup> T <sub>E</sub> X integration	Mezzetti	346
hamnosys	A font for sign languages	Schulder, Hanke	439
handin	Light weight template for creating school submissions using L <sup>A</sup> T <sub>E</sub> X	Storvik Strauman	467
handout	Create handout for auditors of a talk	Rouquette	423
handoutWithNotes	Create Handouts with notes from your L <sup>A</sup> T <sub>E</sub> X beamer presentation	Diepen, Peischl	194
hands	Pointing hand font	Tobin, Powroz	497
hang	Environments for hanging paragraphs and list items	Nolda	368
hangcaption	Hanging layout for captions	Jones	274
hanging	Hanging paragraphs	Robertson, Wilson	415
hanoi	Tower of Hanoi in T <sub>E</sub> X	Blackmore	154
hanzibox	Boxed Chinese characters with Pinyin above and translation below	Geng	226
happy4th	A firework display in obfuscated T <sub>E</sub> X	Blackmore	154
har2nat	Replace the harvard package with natbib	Straathof	467
haranoaji-extra	Harano Aji Fonts	Hosoda	263
haranoaji	Harano Aji Fonts	Hosoda	263
hardwrap	Hard wrap text to a certain character length	Robertson, Godby	414
harmony	Typeset harmony symbols, etc., for musicology	Wegner, Wegner	534
harnon-cv	A CV document class with a vertical timeline for experience	Hart	250
harpoon	Extra harpoons, using the graphics package	Kuipers	306
harvard-obsolete	The Harvard bibliography style family	Williams	538
harvard	Harvard citation package for use with L <sup>A</sup> T <sub>E</sub> X 2e	Williams, Schnier	538
harveyballs	Create Harvey Balls using TikZ	Roth	421
harvmac	Macros for scientific articles	Ginsparg	229
hatching	MetaPost macros for hatching interior of closed paths	Jackowski	268
hausarbeit-jura	Class for writing “juristische Hausarbeiten” at German Universities	Sievers	451
havannah	Diagrams of board positions in the games of Havannah and Hex	Ciura	182
hcbundle	Replacement for the L <sup>A</sup> T <sub>E</sub> X classes	Siefkes	450
he-le-na	Support for Serbian typesetting	Filipović	214
he-she	Alternating pronouns to aid gender-neutral writing	Munn	357
headerfooter	Define the layouts of page headers and footers	Gildea	229
hebrew-fonts	Input encodings, font encodings and font definition files for Hebrew	Fogiel	218
hebtex	Support for Hebrew and other right-to-left languages	Porrat	398
hecthesse	A class for dissertations and theses at HEC Montréal	Hamel	245
hellas	Typeset bibliographies which include Greek	Syropoulos	472
helmholtz-ellis...	Beautiful in-line microtonal just intonation accidentals	Nicholson	364
helvet	Load Helvetica, scaled	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team	435
hep-acronym	An acronym extension for glossaries	Hajer	244
hep-bibliography	An acronym extension for glossaries	Hajer	244
hep-float	Convenience package for float placement	Hajer	244



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hep-font	Latin modern extended by computer modern	Hajer	244
hep-gen	Generic macros for quantum physics	Unknown	506
hep-graphic	Extensions for graphics, plots and feynman graphs in high energy physics	Hajer	245
hep-math-font	Extended Greek and sans-serif math	Hajer	245
hep-math	Extended math macros	Hajer	245
hep-paper	Publications in High Energy Physics	Hajer	245
hep-reference	Adjustments for publications in High Energy Physics	Hajer	245
hep-text	List and text extensions	Hajer	245
hep-title	Extensions for the title page	Hajer	245
hep	A "convenience wrapper" for High Energy Physics packages	Buckley	164
hepnames	Pre-defined high energy particle names	Buckley	164
HEPparticles	Macros for typesetting high energy physics particle names	Buckley	164
hepthesis	A class for academic reports, especially PhD theses	Buckley	164
Hepunits	A set of units useful in high energy physics applications	Buckley	164
here	Emulation of obsolete package for "here" floats	Berry	151
hereapplies	A L <sup>A</sup> T <sub>E</sub> X package for referencing groups of pages that share something in common	Unknown	506
heros-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Heros>	Voß	525
hershey-mp	MetaPost support for the Hershey font file format	Renkema	409
hershey	Experiments with the Hershey fonts	Yap	549
heuristica	Fonts extending Utopia, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	446
hex	Print a counter in hexadecimal	Domenjoud	196
hexboard	For drawing Hex boards and games	Rowlett, Sangwin	424
hexdump	Read and typeset ASCII hexdump files	Hillebrand	258
hexgame	Provide an environment to draw a hexgame-board	Brouwer	163
hf-tikz	A simple way to highlight formulas and formula parts	Fiandrino	213
hfbright	The hfbright fonts	Harders	248
hfoldsty	Old style numerals with EC fonts	Harders	248
HFUTExam	Exam class for Hefei University of Technology (China)	Zhang	555
hfutthesis	L <sup>A</sup> T <sub>E</sub> X Thesis Template for Hefei University of Technology	Yin	551
hge	An "Old English" font	Unknown	506
hhline	Better horizontal lines in tabulars and arrays	Carlisle	171
hhtensor	Print vectors, matrices, and tensors	Harders	248
hideanswer	Generate documents with and without answers by toggling a switch	Kusakabe	307
hieroglf	The "poor man's" Egyptian Hieroglyphic font	Wilson	540
hieroglyph	Hieroglyph fonts and other support	Rosmorduc	421
highlight	Converts source code to syntax highlighted T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Simon	452
highlightlatex	Syntax highlighting for L <sup>A</sup> T <sub>E</sub> X	Kuhlmann	305
highlightx	Highlight formulas or paragraphs	Pierquet	393
hilowres	Support high and low resolution versions of same picture	Gerell	227
hindawi-latex-t...	A L <sup>A</sup> T <sub>E</sub> X template for authors of the Hindawi journals	Kumar	307
hindmadurai	The HindMadurai font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
histogr	Draw histograms with the L <sup>A</sup> T <sub>E</sub> X picture environment	Schöpf	437
historische-zei...	BibL <sup>A</sup> T <sub>E</sub> X style for the journal 'Historische Zeitschrift'	Waßenhoven	533
histyle	A "HighStyle" environment for T <sub>E</sub> X	Unknown	506
hitec	Class for documentation	Billauer	153
hitex-def	Support files for HiTeX	Ruckert	426
hitex	A T <sub>E</sub> X extension writing HINT output for on-screen reading	Ruckert	426
hithesis	Harbin Institute of Technology Thesis Template	Yanshuo	549
hitreport	Harbin Institute of Technology Report L <sup>A</sup> T <sub>E</sub> X Template	Sun	469
hitszbeamer	A beamer theme for Harbin Institute of Technology, ShenZhen	Yang	548
HITSZThesis	A dissertation template for Harbin Institute of Technology, ShenZhen	Yang	548
hktex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X equivalent for Android	Tse	499
HLaTeX fonts	A collection of Korean (Hangul) fonts	Un	503

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hlatex	Support for the Korean language	Un	503
hletter	Flexible letter typesetting with flexible page headings	Housley	264
hlist	Horizontal and columned lists	Tellechea	481
hmtrump	Describe card games	Hitomi	258
hobby	An implementation of Hobby's algorithm for PGF/TikZ	Stacey	459
hobete	Unofficial beamer theme for the University of Hohenheim	Görlach	234
hobsub	Construct package bundles	Oberdiek	372
hoffset-voffset	Calculate values for \hoffset and \voffset	Zabelin	551
hologo	A collection of logos with bookmark support	Oberdiek	372
holtpolt	Typeset Maxwell's non-commutative division	Knappen	292
holtxdoc	Documentation macros for oberdiek bundle, etc	Oberdiek	372
homework	A L <sup>A</sup> T <sub>E</sub> X class for writing your homework	XU	546
hook-pre-commit...	Pre-commit git hook for L <sup>A</sup> T <sub>E</sub> X package developers	Rouquette	423
hopatch	Load patches for packages	Oberdiek	372
horoscop	Generate astrological charts in L <sup>A</sup> T <sub>E</sub> X	Skala	453
HPtfm2pl	Create T <sub>E</sub> X PL files from HP AutoFont Support	Walsh	532
hp2xx	HP GL converter	Unknown	507
hpgl2ps	Translate HPGL to PostScript	McCormick	342
hpsdiss	A dissertation class	Schmid	433
href-ul	Underscored L <sup>A</sup> T <sub>E</sub> X hyperlinks	Bugayenko	165
hrefhide	Suppress hyper links when printing	Münch	356
hrhyph	Croatian hyphenation	Marinović	338
hrlatex	L <sup>A</sup> T <sub>E</sub> X support for Croatian documents	Maretić	337
hsindex	An alternative index processor to imakeidx written with Haskell	Joulin	276
html2latex	Convert HTML to L <sup>A</sup> T <sub>E</sub> X	Thatcher, Seibert, Torkington, Reimers	487
htmlhelp	HTML translation of VMS help files	Walsh, Greenwade	532
hu-berlin-bundle	L <sup>A</sup> T <sub>E</sub> X classes for the Humboldt-Universität zu Berlin	Bossert	159
huawei	Template for Huawei documents	Bugayenko	165
huaz	Automatic Hungarian definite articles	Tómacs	498
huffman	Drawing binary Huffman trees with MetaPost and METAOBJ	Chupin	182
huhyph	Hyphenation patterns for the Hungarian language	Mayer	342
hulipsum	Hungarian dummy text (Lórum ipse)	Tómacs	498
humanbio	Bibliography style for "Human Biology"	Rogers	418
humanist	Humanist manuscript book-hand font	Wilson	540
humannat	Bibliography style for "Human Nature" and "American Anthropologist"	Rogers	419
huncial	Fonts based on the half Uncial manuscript book-hand	Wilson	540
hungarian	New Hungarian hyphenation patterns	Nagy	360
hustthesis	Unofficial thesis template for Huazhong University	Cheng	178
hvarabic	Macros for RTL typesetting	Voß	525
hvdashln	Horizontal and vertical dashed lines in arrays and tabulars	Nakashima	361
hvextern	Write and execute external code, and insert the output	Voß	525
hvfloating	Controlling captions, fullpage and doublepage floats	Voß	525
hvindex	Support for indexing	Voß	525
hvlogos	Print T <sub>E</sub> X-related names as logo	Voß	525
hvmath-fonts	Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)	MicroPress	347
hvmath	Support for using the Micropress HV-Math fonts (Helvetica Maths)	Schmidt, Harcombe	434
hvpgmentex	Syntax-Highlighting of program code	Voß	525
hvqrurl	Insert a QR code in the margin	Voß	525
hwemoji	Unicode emoji support for pdfL <sup>A</sup> T <sub>E</sub> X with sequences	Unknown	507
hwkatakana	Half-width katakana fonts	Hassenpflug	250
hyacc-cm	Hyphenation using 7-bit fonts	Flipó, Siebenmann	217
hybrid-latex	Allow active Python code in L <sup>A</sup> T <sub>E</sub> X documents	Brewin	162
hycolor	Implements colour for packages hyperref and bookmark	Oberdiek	372

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
hybmsec	Hypertext bookmarks in sectioning commands	Oberdiek	372
hyccap	Adjusting the anchors of captions	Oberdiek	372
hypdestopt	Hyperref destination optimizer	Oberdiek	372
hypdoc	Hyper extensions for doc.sty	Oberdiek	373
hypdvips	Hyperref extensions for use with dvips	Niedrist	366
hyper	Hypertext cross referencing	Mehlich	345
hyperbar	Add interactive Barcode fields to PDF forms	Krüger	304
hyperlatex	A restricted L <sup>A</sup> T <sub>E</sub> X system that also produces HTML	Cheong, Sgouros	178
hypernat	Allow hyperref and natbib to work together	Berger	151
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	377
hyperxmp	Embed XMP metadata within a L <sup>A</sup> T <sub>E</sub> X document	Pakin	383
hypgotoc	Links to embedded files	Oberdiek	373
hyph-utf8	Hyphenation patterns expressed in UTF-8	Miklavec, Rosendahl, Pégourié-Gonnard, Roux, Hosny	347
hyphen-accent	L <sup>A</sup> T <sub>E</sub> X 2.09 code for using DC fonts	Taupin	480
hyphen-spanish	Standard hyphenation rules for Spanish	Bezoz López, Carmona	325
hyphenat	Disable/enable hyphenation	Robertson, Wilson	415
hyphenation-greek	Hyphenation patterns for ancient and modern Greek	Filippou	214
hyphenex	US English hyphenation exceptions file	Lemberg, Beeton, Berry	317
hyphsubst	Substitute hyphenation patterns	Oberdiek	373
hyphth1	Additional hyphenation patterns	Raichle	404
HyPlain	Basic support for multiple languages in Plain T <sub>E</sub> X	Gregorio	239
<b>III</b>			
i-ching	An i-ching package	Bzyl	169
iagproc	Class for two column IAG Proceedings articles	Vermeer	517
iahypen	Hyphenation patterns for Interlingua	Kleiweg	290
ibarra	L <sup>A</sup> T <sub>E</sub> X support for the Ibarra Real Nova family of fonts	Tennent	483
ibm	Metrics for IBM fonts	Rahtz	403
ibmres-tex	A semi-automated approach to the production of resumes	Leeman	315
ibrackets	Intelligent brackets	Missier	350
ibycus-babel	Use the Ibycus 4 Greek font with Babel	Heslin	257
ibygrk	Fonts and macros to typeset ancient Greek	Schmidt, Harcombe, MacKay	435
icehyph	Icelandic hyphenation patterns	Pind, Sverrisson	395
icelandic	Icelandic Fonts	Pind	395
iching	A font for I Ching divinations	Stanier	460
icite	Indices locorum citatorum	Alessi	131
icomma	Intelligent commas for decimal numbers	Schmidt	433
icon-appr	Creates icon appearances for form buttons	Story	466
icons	TeX icons	Carriba, Sendoukas	174
icsv	Class for typesetting articles for the ICSV conference	Robertson	413
idealfonts	Font and L <sup>A</sup> T <sub>E</sub> X support for Textures users	Gaulle	225
identkey	Typesetting bracketed dichotomous identification keys	White	537
idverb	Inline verbatim identifiers	Schrod	438
idxcmds	Semantic commands for adding formatted index entries	Niederberger	365
idxlayout	Configurable index layout, responsive to KOMA-Script and memoir	Titiz	496
idxtex	An index processor	Aurbach, Hantelmann, Iani- gro	138
IEEEannot	A sorting version of IEEEtran.bst	Barik, Shell	141
IEEEconf	Macros for IEEE conference proceedings	Pakin	383
ieeepes	IEEE Power Engineering Society Transactions	Kuhlmann	305
IEEEtran	Document class for IEEE Transactions journals and conferences	Shell	448

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ieeetrantools	Functionality from IEEEtran for use with other classes	Shell	448
IEEEtran	Unofficial bibliography style file for the Institute of Electrical Engineers of Japan	Ejiri	204
ietfbibs	Generate BibTeX entries for various IETF index files	Mortier	354
iexec	Execute shell commands and input their output	Bugayenko	165
ifacmtg	Elsevier Science preprint style for IFAC meetings	Pepping	390
ifallfalse	Compare a string against a set of other strings	Chen	177
ifdraft	Detect “draft” and “final” class options	Oberdiek	373
ifetex	Provides \ifetex switch	L <sup>A</sup> T <sub>E</sub> X Team, Scharrer	494
iffont	Conditionally load fonts with fontspec	Weiss	535
iflang	Expandable checks for the current language	Oberdiek	373
ifluatex	Provides the \ifluatex switch	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	493
ifmslide	Presentation slides for screen and printouts	Emmel	206
ifmtarg	If-then-else command for processing potentially empty arguments	Robertson, Wilson	415
ifnextok	Utility macro: peek ahead without ignoring spaces	Lück	328
ifoddpage	Determine if the current page is odd or even	Scharrer	430
ifpdf	Provides the \ifpdf conditional	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	493
ifplatform	Conditionals to test which platform is being used	Robertson, Große	414
ifptex	Check if the engine is pTeX or one of its derivatives	Yato	550
ifsym	A collection of symbols	Klöckl	291
iftex	Am I running under pdfTeX, XeTeX or LuaTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Khalighi	493
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	310
ifthenx	Extra tests for \ifthenelse	Jones	274
ifvtex	Detects use of VTeX and its facilities	L <sup>A</sup> T <sub>E</sub> X Team, Oberdiek	493
ifxetex	Am I running under XeTeX?	L <sup>A</sup> T <sub>E</sub> X Team, Robertson	494
ifxptex	Detect pTeX and its derivatives	Zhang	555
igo	Fonts and macro to typeset Go diagrams	Dupuis	201
iitem	Multiple level of lists in one list-like environment	Vitecek	522
ijc	International Journal of Control style	Balemi	140
ijcai89	Format papers for IJCAI 1989	Patel-Schneider	388
ijmart	L <sup>A</sup> T <sub>E</sub> X Class for the Israel Journal of Mathematics	Veytsman	519
ijqc	BibTeX style file for the Intl. J. Quantum Chem	Mathar	339
ijsra	L <sup>A</sup> T <sub>E</sub> X document class for the International Journal of Student Research in Archaeology	Bossert	159
imac	International Modal Analysis Conference format	Slater	453
image-gallery	Create an overview of pictures from a digital camera or from other sources	Niepraschk	366
imakeidx	A package for producing multiple indexes	Beccari, Gregorio	146
Imake-TeX	An Imake system for T <sub>E</sub> X	Klute	291
imfellEnglish	IM Fell English fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	483
imfellflowers	IM Fell Flower OpenType fonts	Tennent	484
impatient	Free edition of the book “TeX for the Impatient”	Abrahams, Hargreaves, Berry	129
imprnatypo	Support typography of l’Imprimerie Nationale Française	Pinson	396
import	Establish input relative to a directory	Arseneau	135
impose	PostScript imposition and support utilities	Grobgeld	240
imprintmtshadow	Support files for the Monotype Imprint Shadow fonts	Veytsman	519
imsproc	Typeset IMS conference proceedings	Khalighi, bidi-tex GitHub Organisation	283
IMTEKda	IMTEK thesis class	Dreher	198
incgraph	Sophisticated graphics inclusion in a PDF document	Sturm	468
includeRnw	Include .Rnw inside .tex	Storvik Strauman	467
includex	Extended \include	Swift	470
inconsolata-nerd...	Inconsolata Nerd Font with support for XeL <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Lukasczyk	331

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
inconsolata	A monospaced font, with support files for use with T <sub>E</sub> X	Levien, Berry, Sharpe	318
indent	Environments that change margins	Unknown	507
indentfirst	Indent first paragraph after section header	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	173
index	Extended index for L <sup>A</sup> T <sub>E</sub> X including multiple indexes	Jones	274
indextools	Producing multiple indices	Rouquette	423
indic-type1	Indic Type 1 fonts converted from public Metafont sources	Piška	396
induni-om	Omega fonts for characters used in study of Sanskrit	Smith	454
indxcite	Generate author index based on citations	Ashton	138
infpic	Macros to insert pictures in paragraphs	Ulrych	502
infwarerr	Complete set of information/warning/error message macros	Oberdiek	373
inhyph	Hyphenation patterns for Bahasa Indonesia	Knappen, Mart	293
initials	Adobe Type 1 decorative initial fonts	Steffmann, Loreti	462
inkpaper	A mathematical paper template	Liang	319
inline-images	Inline images in base64 encoding	Wäckerlin	530
inlinebib	Citations in footnotes	Seindal	443
inlinedef	Inline expansions within definitions	Hicks	257
inlinelabel	Assign equation numbers to inline equations	Kusakabe	307
innerscript	Small modifications to math formatting	Kosowsky	301
inputenc	Accept different input encodings	Jeffrey, Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	272
inputenx	Enhanced input encoding handling	Oberdiek	373
inputfile	Input L <sup>A</sup> T <sub>E</sub> X files, remembering the file name	Tucci	501
inputnormalization	Wrapper for XeTeX's and LuaTeX's input normalization	Krüger	304
inputtrc	Trace which file loads which	Lück	328
inriafonts	Inria fonts with L <sup>A</sup> T <sub>E</sub> X support	Markey	338
instex	Extended Plain T <sub>E</sub> X for use with MLTeX	Ferguson	212
insbox	Insert pictures/boxes into paragraphs	Gulczynski	242
inscrutable	A response to Perl hackers' silliness	Greene	238
insdljs	Insert document-level JavaScript in L <sup>A</sup> T <sub>E</sub> X documents	Story	466
inslrmaj	Fonts based on the Insular Majuscule manuscript book-hand	Wilson	540
inslrmin	Fonts based on the Insular Minuscule manuscript book-hand	Wilson	540
Install-LaTeX-G...	A short introduction to L <sup>A</sup> T <sub>E</sub> X installation written in Chinese	Wang	532
installfont	A bash script for installing a L <sup>A</sup> T <sub>E</sub> X font family	Kleber	288
intcalc	Expandable arithmetic operations with integers	Oberdiek	373
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	202
interactiveanim...	Create PDF files with branching animations	González, Toro, Linares	232
interactiveplot	Provides an interface to create interactive 2D/3D functions inside a PDF file	Bock, Linares, Toro	155
interactivework...	LaTeX-based interactive PDF on the Web	Kuhn	306
interchar	Managing character class schemes in XeTeX	Hu	264
interfaces	Set parameters for other packages, conveniently	Chervet	179
interpol	Add interpolation to MetaPost graph package	Vieth	521
interpreter	Translate input files on the fly	Isambert, Robbers	267
interval	Format mathematical intervals, ensuring proper spacing	Madsen	334
intex	Support typesetting and indexing words and phrases	Ranage	405
intopdf	Embed non-PDF files into PDF with hyperlink	Krüger	304
intro-scientific	Introducing scientific/mathematical documents using L <sup>A</sup> T <sub>E</sub> X	Bennieston	150
inversepath	Calculate inverse file paths	Robertson	413
invertedparagraphs	Indented text with negative paragraph indentation	Unknown	507
invoice-class	Produces a standard US invoice from a CSV file	Munn	357
invoice	Generate invoices	Corff	185
invoice2	Intelligent invoices with L <sup>A</sup> T <sub>E</sub> X3	Dierl	194
iodhbw	Unofficial template of the DHBW Mannheim	Faltin	211
ionumbers	Restyle numbers in maths mode	Schneider	436
iopart-num	Numeric citation style for IOP journals	Caprio	170



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ipa	L <sup>A</sup> T <sub>E</sub> X macros for using WSUIPA fonts	Roegel, Brodnik	418
ipaex-type1	IPAex fonts converted to Type-1 format Unicode subfonts	Yato	550
ipaex	IPA (Japanese) fonts	Information-technology Promotion Agency, Japan, Kitagawa, Preining	267
ipsum	Insert multilingual placeholder text	Pierquet	393
is-bst	Extended versions of standard BibTeX styles	Beebe	147
iscram	A L <sup>A</sup> T <sub>E</sub> X class to publish article to ISCRAM conferences	Gaborit	224
isf	Access italic computer modern sans in L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	238
ishyph	Hyphenation patterns for Icelandic	Pind	395
isi2bib-vim	Vim script to convert bib database from ISI to BibTeX format	Thakkar	486
isi2bibtex	Converter for ISI to BibTeX	Lee	313
ISO-TeX	Display (La)TeX accented letters in GNU Emacs	Neugebauer	363
iso	Generic ISO standards typesetting macros	Wilson	540
iso10303	Typesetting the STEP standards	Wilson	540
iso209	A document style for ISO standards	North	368
isodate	Tune the output format of dates according to language	Harders	248
isodoc	A L <sup>A</sup> T <sub>E</sub> X class for typesetting letters and invoices	Dekker	191
isolatin1	An obsolete means to use ISO 8859-1 with T <sub>E</sub> X	Unknown	507
isomath	Mathematics style for science and technology	Milde	348
isonums	Display numbers in maths mode according to ISO 31-0	Väth, Rivera	515
isopt	Writing a T <sub>E</sub> X length with a space between number and unit	Voß	525
isorot	Rotation of document elements	Wilson	540
isosafety	Provides ISO signs and colors according to the standards 7010 and 3864	Steinhauer	462
isotope	A package for typesetting isotopes	Bauke	144
ispell	Multi-platform spell checker	Atkinson	138
isphysicalmath	Simple way to write nice formulas	Fantini	211
issuulinks	Produce external links instead of internal ones	Veytsman	519
ist21	Title page for the old BSI IST/21 committee	Unknown	507
istgame	Draw Game Trees with TikZ	Cho	181
ital	Automatic italic correction	Bernstein	151
italic	Automatic italic correction for italic and slanted text	Goatley	231
iTe	Interactive T <sub>E</sub> X editor	Kühn	306
ithyph	Hyphenation patterns for the Italian language	Beccari	145
itnumpar	Spell numbers in words (Italian)	Gregorio	239
itrans-processor	Transliteration of Indian Languages	Chopde	181
ivd2dvi	Convert IVD-DVI files to DVI	Denenberg	192
iwhdp	Halle Institute for Economic Research (IWH) Discussion Papers	Ehrenfeld	203
iwona	A two-element sans-serif font	Nowacki	369
iwonamath	L <sup>A</sup> T <sub>E</sub> X support for scaled Iwona math fonts	Veytsman	519
izhitsa	Support for the old Russian font "Izhitsa"	Motygin	355
<b>JJJJ</b>			
jablantile	Metafont version of tiles in the style of Slavik Jablan	Knuth	294
jabref	Graphical frontend to manage BibTeX databases	The JabRef Project, Kopp, Alver, Batada	488
jacow	A class for submissions to the proceedings of conferences on JA-CoW.org	Schaa	429
jadetex	Macros supporting Jade DSSSL output	Rahtz, Castle	403
jamtimes	Expanded Times Roman fonts	Veytsman	519
japanese-mathfo...	Compiling basic math formulas in Japanese using LuaLaTeX	Unknown	507
japanese-otf-uptex	Support for Japanese OTF files in upLaTeX	Tanaka, Preining, Japanese T <sub>E</sub> X Team	479
japanese-otf	Advanced font selection for platex and its friends	Preining, Japanese T <sub>E</sub> X Team, Tanaka	399

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jas99	BibTeX style for American Meteorological Society (AMS)	Moran, Flatau	353
jas99_m	BibTeX style for American Meteorological Society (AMS)	Furue	223
jasthesis	A 'standard' thesis class	Shepherd	448
JavaBib	A BibTeX file manager written in Java	Unknown	507
javadoc	Documenting source code	Kiesel	285
javaDVI	DVI viewer and printer coded in Java	Hurt	266
javascript_TeXed	Small MikTeX-editor for Win32 Intel platform	Yasko	549
JavascriptHTTP	Add buttons to a PDF to easily get and post web content	Zwahlen	558
jvaxex	A Java implementation of T <sub>E</sub> X	Murphy	359
jbact	BibTeX style for biology journals	Schneider	437
JBibtexManager	Managing citations in BibTeX format	Batada	143
jcc	BibTeX style file for J. Comp. Chem	Hill, Cervellino	258
jeep	Modified L <sup>A</sup> T <sub>E</sub> X2.09 article and report styles	Stewart	463
jeopardy	Build a jeopardy game in L <sup>A</sup> T <sub>E</sub> X	Mařík	337
JeuxCartes	Macros to insert playing cards	Pierquet	393
jflap2tikz	Convert JFlap file into a L <sup>A</sup> T <sub>E</sub> X file depicting the automaton using TikZ	Mertz	346
jfmutil	Utility to process pTeX-extended TFM and VF	Yato	550
jfontmaps	Font maps and configuration tools for Japanese fonts	Preining	399
jhep	Class for JHEP	Nesti	362
jIEEETran	Unofficial BibTeX style for citing Japanese articles in IEEE format	Ejiri	204
jigsaw	Draw jigsaw pieces with TikZ	Unknown	507
jj-game	A L <sup>A</sup> T <sub>E</sub> X class to construct Jeopardy-like games	Story	466
jkmath	Macros for mathematics that make the code more readable	Kaerts	277
jknapen	Miscellaneous packages by Joerg Knappen	Knappen	292
jkthesis	Document class for formatting a thesis	Küpper	307
jlabels	Make letter-sized pages of labels	Tartir	479
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	456
jlreq-deluxe	Multi-weight Japanese font support for the jlreq class	Morimi	354
jlreq	Japanese document class based on requirements for Japanese text layout	Abe	129
jmakedpdfx	A Java interface to Ghostscript to convert PDF to PDF/X	Talbot	477
jmb	BibTeX style for the Journal of Theoretical Biology	Schneider	437
jmlr	Class files for the Journal of Machine Learning Research	Talbot	477
jmsdelim	A package for compositional delimiter sizing	Sterling	463
jneurosci	BibTeX style for the Journal of Neuroscience	Hennig	255
jnuexam	Exam class for Jinan University	Lyu	333
jobname-suffix	Compile differently based on the filename	Siefken	450
joinbox	Join boxes vertically or horizontally	Geng	226
josefin	Josefin fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
jourcl	Cover letter for journal submissions	Kukovec	306
jourrr	A L <sup>A</sup> T <sub>E</sub> X template for journal rebuttal letters	Kukovec	306
joy-of-tex	User documentation for the AMS-TeX macro collection	The AMS	488
jpeg2ps-os2	JPEG to PostScript converter for OS/2	Niepraschk, Deutscher	367
jpeg2ps	Convert JPEG files to PostScript Level 2 or 3 EPS	Merz	346
jphysiol	BibTeX style for the Journal of Physiology	Hennig	255
JPicEdt	A graphical editor generating L <sup>A</sup> T <sub>E</sub> X commands	Reynal, Belaïche	410
jpneduenumerate	Enumerative expressions in Japanese education	Kusakabe	307
jpnedumathsymbols	Mathematical equation representation in Japanese education	Kusakabe	307
jpsj	Document Class for Journal of the Physical Society of Japan	Kuwabara	308
jqt1999	Journal of Quality Technology BibTeX format	Forrest	219
js-misc	Miscellaneous macros from Joachim Schrod	Schrod	438
jsclasses	Classes tailored for use with Japanese	Okumura, Japanese T <sub>E</sub> X Team	378
jslectureplanner	Creation and management of university course material	Spitzmüller	457
jspell	An ASCII file spelling checker	Jeong	273

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
jtb	BibTeX style for Journal of Theoretical Biology	Rogers	419
jtbnew	BibTeX style for Journal of Theoretical Biology	Robbers	412
jumplines	Articles with teasers and continuation later on	Hupfer	265
junicode	A TrueType font for mediaevalists	Baker	139
jupynotex	Include whole or partial Jupyter notebooks in L <sup>A</sup> T <sub>E</sub> X documents	Batista	143
jura	A document class for German legal texts	Braun	161
juraabbrev	Abbreviations for typesetting (German) juridical documents	Wartenburger	533
jurabib	Extended BibTeX citation support for the humanities and legal texts	Berger	151
juramisc	Typesetting German juridical documents	Sodtalters	455
jurarsp	Citations of judgements and official documents in (German) juridical documents	Wartenburger	533
JustFontItTE	JustFontIt T <sub>E</sub> X Edition	Kostin	301
jvlisting	A replacement for L <sup>A</sup> T <sub>E</sub> X's verbatim package	Voss	529
jwjournal	A personal class for writing journals	XU	547
<b>KKKKK</b>			
kalendarium	Print dates according to the classical Latin calendar	Smith	453
kalender-209	Produce page-per-day calendars	Schrell	437
kalender	Create a calendar, in German	Söhner	455
kanaparser	Kana parser for LuaT <sub>E</sub> X	Zahumensky	552
kanbun	Typeset kanbun-kundoku with support for kanbun annotation	Chen	178
kantlipsum	Generate sentences in Kant's style	Gregorio	239
karnaugh-map	L <sup>A</sup> T <sub>E</sub> X package for drawing karnaugh maps with up to 6 variables	Jacobsson	270
karnaugh	Typeset Karnaugh-Veitch-maps	Wieland	537
karnaughmap	Typeset Karnaugh maps	Michael	346
karta	Cartographic signs	Unknown	507
kaytannollista-...	Practical manual for L <sup>A</sup> T <sub>E</sub> X (Finnish)	Likonen	319
kblocks	Easily typeset Control Block Diagrams and Signal Flow Graphs	Somefun	456
kbordermatrix	L <sup>A</sup> T <sub>E</sub> X version of \bordermatrix	Border	157
kdgdocs	Document classes for Karel de Grote University College	Levrie, Daems	318
kdgreek	Greek fonts and macros	Dryllerakis	199
kdpcover	Covers for books published by Kindle Direct Publishing	Bugayenko	166
kelly-greek-font	Simple fonts for Greek	Hamilton Kelly	281
kerkis	Kerkis (Greek) font family	Tsolomitis	500
kerntest	Print tables and generate control files to adjust kernings	Harders	248
ketcindy	Creating graphics for T <sub>E</sub> X using Cinderella	Takato	474
keycommand	Simple creation of commands with key-value arguments	Chervet	179
keyfloat	Provides a key/value interface for generating floats	Dunn	200
keyindex	Index entries by key lookup	Zach	552
keyparse	Key based parser	Rogard	418
keyreader	A robust interface to xkeyval	Musa	359
keystroke	Graphical representation of keys on keyboard	Niepraschk	366
keyval	Process 'key=value' schemes	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	174
keyval2e	A lightweight and robust key-value parser	Musa	360
keyvaltable	Re-usable table layouts separating content and presentation	Grewe	240
kfupm-math-exam	A L <sup>A</sup> T <sub>E</sub> X document style to produce homework, quiz and exam papers	Alshahrani	132
khatalmaqala	Arabic font for university articles	Abdalmatin	128
kile	A user friendly T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X editor for KDE	Wijnhout, Brachet	538
kinematikz	Design kinematic chains and mechanisms	Santos	428
kix	Typeset KIX codes	Stoks	463
KIXfont	A font for KIX codes	van Rein	409
klinz	A Klingon font	Wünsch	545
kmrhyph	Hyphenation patterns for Kurmanji, T1 encoded	Knappen	292
knit	Tangle and weave with multiple change files	Appelt	133
knitting	Produce knitting charts, in Plain T <sub>E</sub> X or L <sup>A</sup> T <sub>E</sub> X	Barton	142
knittingpattern	Create knitting patterns	Griffiths	240

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
knot	A Celtic knotwork font	Jaquina	272
knowledge	Displaying, hyperlinking, and indexing notions in a document	Colcombet	184
knst	Multiple-guess tests	Saludes	427
knuth-base	The current state of Knuth's contributions	Knuth	294
knuth-dist	The current state of Knuth's contributions	Knuth	294
knuth-errata	Knuth's published errata	Knuth	294
knuth-hint	HINT collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	432
knuth-letter	Knuth's example letter macros	Knuth	294
knuth-lib	Core T <sub>E</sub> X and Metafont sources from Knuth	Knuth	294
knuth-local	Knuth's local information	Knuth	294
knuth-pdf	PDF collection of typeset C/WEB sources in T <sub>E</sub> X Live	Scherer	432
koi8	KOI-8 input support	Blumenthal	155
koma-moderncvcl...	Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX	Södergran	455
koma-script-exa...	Examples from the 3rd edition of the KOMA-Script book	Kohm	297
koma-script-exa...	Examples from the 4th edition of the KOMA-Script book	Kohm	297
koma-script-exa...	Examples from the 5th edition of the KOMA-Script book	Kohm	297
koma-script-exa...	Examples from the KOMA-Script book	Kohm	297
koma-script-obs...	Deprecated packages from koma-script	Kohm	298
koma-script-sfs	Koma-script letter class option for Finnish	Väisänen	513
koma-script	A bundle of versatile classes and packages	Kohm	297
komacv-rg	L <sup>A</sup> T <sub>E</sub> X packages that aid in creating CVs based on the komacv class and creating related documents	Grewe	240
komacv	Typesetting a beautiful CV with various style options	Södergran	455
konwerter	A program for automatic numbering of compounds in chemical publications	Wawrzyniak	534
KorigamiK	Typeset articles using KorigamiK's document class	Lakhwani	309
kotex-oblivoir	A L <sup>A</sup> T <sub>E</sub> X document class for typesetting Korean documents	Lee, Kim	314
kotex-plain	Macros for typesetting Korean under Plain T <sub>E</sub> X	Lee	313
kotex-utf	Typeset Hangul, coded in UTF-8	Lee	313
kotex-utils	Utility scripts and support files for typesetting Korean	Lee	313
kpathsea	Path searching library for T <sub>E</sub> X-related files	T <sub>E</sub> XLive, Weber	489
kpfonts-otf	OTF version of the Kp-fonts	Flipo	217
kpfonts	A complete set of fonts for text and mathematics	Caignaert	169
ksfh-nat	BibTeX style for KSFH Munich	Bilger	153
ksp-thesis	A L <sup>A</sup> T <sub>E</sub> X class for theses published with KIT Scientific Publishing	Heinze	252
KTeXShell	Graphical frontend to T <sub>E</sub> X	Fischer	215
ktv-texdata	Extract subsets of documents	Huynh	266
ku-template	Copenhagen University or faculty logo for front page	Pedersen	389
kurdishlipsum	A 'lipsum' package for the Kurdish language	Jund	276
kurier	A two-element sans-serif typeface	Nowacki	369
kuvio	Drawing macros and fonts for diagrams	Svensson	469
kvdefinekeys	Define keys for use in the kvsetkeys package	Oberdiek	373
kvmap	Create Karnaugh maps with L <sup>A</sup> T <sub>E</sub> X	Frank	220
kvoptions	Key value format for package options	Oberdiek	373
kvsetkeys	Key value parser with default handler support	Oberdiek	373
<b>LLLL</b>			
l2a	L <sup>A</sup> T <sub>E</sub> X to ASCII	Hannemyr	246
l2picfaq	L <sup>A</sup> T <sub>E</sub> X pictures "how-to" (German)	Bischoff	153
l2tabu-english	English translation of "Obsolete packages and commands"	Trettin, Fenn	499
l2tabu-french	French translation of l2tabu	Alfonsi, Henel	131
l2tabu-italian	Italian Translation of Obsolete packages and commands	Zannarini, Sacchetto	554
l2tabu-spanish	Spanish translation of "Obsolete packages and commands"	Trettin, Medina Arellano	499
l2tabu	Obsolete packages and commands	Ensenbach, Trettin	206
l2x	L <sup>A</sup> T <sub>E</sub> X to ASCII	Schulzrinne	440

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
l3backend	LaTeX3 backend drivers	L <sup>A</sup> T <sub>E</sub> X Team	490
l3build	A testing and building system for (La)TeX	L <sup>A</sup> T <sub>E</sub> X Team	490
l3docstrip	Strip documentation in L <sup>A</sup> T <sub>E</sub> X3 source	L <sup>A</sup> T <sub>E</sub> X Team	491
l3experimental	Experimental L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	491
l3kernel	LaTeX3 programming conventions	L <sup>A</sup> T <sub>E</sub> X Team	491
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	491
l3packages	High-level L <sup>A</sup> T <sub>E</sub> X3 concepts	L <sup>A</sup> T <sub>E</sub> X Team	491
l3regex	Regular expression facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	491
la	School handwriting fonts	Heuer	257
laansort	Sorting within T <sub>E</sub> X	van der Laan	308
labbook	Typeset laboratory journals	Küster	307
label-pln	Print address labels in three columns	Unknown	507
labelcas	Check the existence of labels, and fork accordingly	Diez	195
labelfig	Label L <sup>A</sup> T <sub>E</sub> X 2.09 figures included in documents	Siebenmann	450
labelmac3	Print Avery 5160 labels for laser printers	Rao	405
labelmag	Manage a collection of labels	Willadt	538
labels	Print sheets of sticky labels	Gilbey, Rahtz, Gustafson	228
labels4easylist	Add reference labels to easylist items	Paciorek	382
labelschanged	Identify labels which cause endless “may have changed” warnings	Dunn	200
lablst-pkg	List names of labels in a document	Karney	278
labtex	Label diagrams produced in Metafont	Hoening	259
labyrinth	Draw labyrinths and solution paths	Zigliotto	556
lacheck	L <sup>A</sup> T <sub>E</sub> X checker	Thorup, Abrahamsen, T <sub>E</sub> XLive	495
ladder	Draw simple ladder diagrams using TikZ	Cadiou	169
lahyph	Hyphenation patterns for the Latin language	Beccari	145
laletter	Los Alamos letter style	Sydoriak	471
lambda-lists	Lists in T <sub>E</sub> X’s mouth	Jeffrey	272
lambdax	Use Lambda expression within L <sup>A</sup> T <sub>E</sub> X	Rogard	418
lamemo	Memo style as used at Los Alamos	Sydoriak	471
lametex	A PostScript translator for a subset of L <sup>A</sup> T <sub>E</sub> X	Monsarrat	352
lamstex-index	Index processor for LamsTeX	Spivak	458
LamsTeX	A merge of the best in AMS-TeX and L <sup>A</sup> T <sub>E</sub> X	Spivak	458
landscape	Set up for typesetting in landscape	Hosek	263
langcode	Simple language-dependent settings based on language codes	Lück	328
langnames	Name languages and their genetic affiliations consistently	García Matarredona, Un- known	339
langsci-affilia...	Collect and order authors and affiliations	Kopecky	300
langsci-avm	Feature structures and attribute-value matrices (AVM)	Kopecky	300
langsci	Typeset books for publication with Language Science Press	Nordhoff	368
lapdf	PDF drawing directly in T <sub>E</sub> X documents	Reimers	408
laps	Zero-width boxes for annotations, etc	Unknown	507
lastbib	Record the number of citations in a document	Tuleuov	501
lastpackage	Indicates the last loaded package	Pospiech	398
lastpage	Reference last page for Page N of M type footers	Münch, Goldberg	357
LaTable	A near-WYSIWYG editor for L <sup>A</sup> T <sub>E</sub> X tables	Denisov	193
lated	Graphical L <sup>A</sup> T <sub>E</sub> X picture editor	Ressler	410
latex-amsmath-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X amsmath bundle	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-amsmath	AMS mathematical facilities for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-base-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X kernel	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-base	Base sources of L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team, Mittelbach	493
latex-bib-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	525
latex-bib2-ex	Examples for the book Bibliografien mit L <sup>A</sup> T <sub>E</sub> X	Voß	525
latex-bnf	L <sup>A</sup> T <sub>E</sub> X macros for typing BNF specifications	Osborne	381
LaTeX-brochure	A publicity flyer for L <sup>A</sup> T <sub>E</sub> X	Flynn	218



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latex-context-p...	Legacy stub to allow loading pictex as m-pictex	Carlisle	171
latex-course	A L <sup>A</sup> T <sub>E</sub> X course as a projected presentation	Buxbaum	169
cyrillic	Support for Cyrillic fonts in L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	490
latex-doc-ptr	A direction-finder for L <sup>A</sup> T <sub>E</sub> X resources available online	Hefferon, Pégourié-Gonnard, Berry	251
latex-doc	Documentation supplied as part of the L <sup>A</sup> T <sub>E</sub> X distribution	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-errata	Errata for the L <sup>A</sup> T <sub>E</sub> X Manual	Lamport	310
latex-essential	Essential information for writing L <sup>A</sup> T <sub>E</sub> X documents	Warbrick, Rivera	533
latex-firstaid-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X firstaid package	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-firstaid	First aid for external L <sup>A</sup> T <sub>E</sub> X files and packages that need updating	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-fonts	A collection of fonts used in L <sup>A</sup> T <sub>E</sub> X distributions	Knuth, Lamport, MacKay, Schwartz, Melliar-Smith	296
latex-for-under...	A tutorial aimed at introducing undergraduate students to L <sup>A</sup> T <sub>E</sub> X	Lounsbury	327
latex-git-log	Typeset git log information	Schneider	437
latex-graphics-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-graphics	The L <sup>A</sup> T <sub>E</sub> X standard graphics bundle	L <sup>A</sup> T <sub>E</sub> X Team	491
latex-hlp	A VMS help file for L <sup>A</sup> T <sub>E</sub> X 2.09	Greenwade	239
latex-info	Unofficial reference manual for L <sup>A</sup> T <sub>E</sub> X	Steffens, Greenwade	461
latex-lab-dev	L <sup>A</sup> T <sub>E</sub> X laboratory: Development pre-release	L <sup>A</sup> T <sub>E</sub> X Team	492
latex-lab	L <sup>A</sup> T <sub>E</sub> X laboratory	L <sup>A</sup> T <sub>E</sub> X Team	492
latex-make	Easy compiling of complex (and simple) L <sup>A</sup> T <sub>E</sub> X documents	Danjean	190
latex-mr	A practical guide to L <sup>A</sup> T <sub>E</sub> X and Polyglossia for Marathi and other Indian languages	Holkar	262
latex-notes-zh-cn	Chinese Introduction to T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Huang	264
latex-papersize	Calculate L <sup>A</sup> T <sub>E</sub> X settings for any font and paper size	Brown	163
latex-pro-pragm...	L <sup>A</sup> T <sub>E</sub> X for pragmatists	Satrapa	428
LaTeX-Referenz	Examples from the book "L <sup>A</sup> T <sub>E</sub> X Referenz"	Voß	525
latex-refsheet	L <sup>A</sup> T <sub>E</sub> X Reference Sheet for a thesis with KOMA-Script	Lammarsch, Schubert	310
latex-sciences-...	(Xe)L <sup>A</sup> T <sub>E</sub> X Appliqué aux sciences humaines	Rouquette	423
latex-tabellen	L <sup>A</sup> T <sub>E</sub> X Tabellen	Voß	525
LaTeX-tds	A structured copy of the L <sup>A</sup> T <sub>E</sub> X distribution	Oberdiek	373
latex-tools-dev	Development pre-release of the L <sup>A</sup> T <sub>E</sub> X tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	492
latex-tools	The L <sup>A</sup> T <sub>E</sub> X standard tools bundle	L <sup>A</sup> T <sub>E</sub> X Team	492
latex-uni8	Universal inputenc, fontenc, and babel for pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Szabó	473
LaTeX-veryshort...	The Very Short Guide to L <sup>A</sup> T <sub>E</sub> X	Flynn	218
latex-via-exemplos	A L <sup>A</sup> T <sub>E</sub> X course written in brazilian portuguese language	Massago	339
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	493
latex209	Old, unsupported, L <sup>A</sup> T <sub>E</sub> X	Lamport	310
latex2e-help-te...	A French translation of "latex2e-help-texinfo"	Belaïche	149
latex2e-help-te...	Unofficial reference manual covering L <sup>A</sup> T <sub>E</sub> X2e	Berry, Martinsen, Greenwade, Gilmore, Hefferon	151
latex2e-reference	A reference for L <sup>A</sup> T <sub>E</sub> X in HTML	Dietze	195
latex2html	Convert L <sup>A</sup> T <sub>E</sub> X into HTML documents	Drakos, Moore, Gildea, de Souza, Stigge	198
latex2man	Translate L <sup>A</sup> T <sub>E</sub> X-based manual pages into Unix man format	Vollmer	523
Latex2Nemeth	Convert L <sup>A</sup> T <sub>E</sub> X source to Braille with math in Nemeth	Papasalouros, Tsolomitis	386
latex2rtf	Convert L <sup>A</sup> T <sub>E</sub> X into Rich Text Format	Hennings, Dorner, Granzer	256
latex4jed	A much enhanced L <sup>A</sup> T <sub>E</sub> X mode for the Jed editor	Gonzato	232
LaTeX4Musicians	A guide for combining L <sup>A</sup> T <sub>E</sub> X and music	Gonzato	232
latex4wp-it	L <sup>A</sup> T <sub>E</sub> X guide for word processor users, in Italian	Gonzato	232
LaTeX4WP	A L <sup>A</sup> T <sub>E</sub> X guide specifically designed for word processor users	Gonzato	232
latexalpha2	Embed Mathematica code and plots into L <sup>A</sup> T <sub>E</sub> X	Liu	321
latexbangla	Enhanced L <sup>A</sup> T <sub>E</sub> X integration for Bangla	Hasan	250
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	492
latexcad	A CAD drawing package	Leis	316

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
latexcheat-de	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in German	Schwindt	442
latexcheat-esmx	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Spanish	Rivera, Chang	412
latexcheat-ptbr	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Brazilian Portuguese	Granja, Chang	236
latexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet	Chang	176
latexcolors	Use color definitions from latexcolor.com	Plüss	397
latexcount	Perl script to count words of L <sup>A</sup> T <sub>E</sub> X documents	Magnus	335
latexcourse-rug	A L <sup>A</sup> T <sub>E</sub> X course book	Kroonenberg	303
LaTeXDB	Integrates L <sup>A</sup> T <sub>E</sub> X and SQL databases	Eßer	207
latexdemo	Demonstrate L <sup>A</sup> T <sub>E</sub> X code with its resulting output	Pospiech	398
latexdiff	Determine and mark up significant differences between L <sup>A</sup> T <sub>E</sub> X files	Tilmann	496
latexdraw	CAD oriented drawing program	Siebert	450
latexfileinfo-pkgs	A comparison of packages showing L <sup>A</sup> T <sub>E</sub> X file information	Lück	328
latexfileversion	Prints the version and date of a L <sup>A</sup> T <sub>E</sub> X class or style file	Harders	248
LaTeXgit	A L <sup>A</sup> T <sub>E</sub> X git wrapper	Staps	461
latexindent	Indent a L <sup>A</sup> T <sub>E</sub> X document, highlighting the programming structure	Hughes	265
latexinfo	Texinfo for L <sup>A</sup> T <sub>E</sub> X 2.09	Clarkson, Stallman	182
latexmake	L <sup>A</sup> T <sub>E</sub> X Makefile	McLean, Musliner, Sun	344
latexmk	Fully automated L <sup>A</sup> T <sub>E</sub> X document generation	Collins, McLean, Musliner	185
LaTeXMng	An integrated development environment for Windows	Vabishchevich	513
latexMP	Interface for L <sup>A</sup> T <sub>E</sub> X-based typesetting in MetaPost	Morawski	353
latexn	Run L <sup>A</sup> T <sub>E</sub> X as many times as needed	Collins	184
latexpand	Expand \input and \include in a L <sup>A</sup> T <sub>E</sub> X document	Moy, Musliner, Lovell	355
LaTeXPiX	L <sup>A</sup> T <sub>E</sub> X picture editor for Windows	van Beurden	152
latexrelease	L <sup>A</sup> T <sub>E</sub> X release emulation	L <sup>A</sup> T <sub>E</sub> X Team	492
LatexRender	Use L <sup>A</sup> T <sub>E</sub> X in PHP programs	Mayer, Zeiss	342
LaTeX-WIDE	Multifunctional editor for L <sup>A</sup> T <sub>E</sub> X	Lubenets	327
latexwizard	Create the header of a L <sup>A</sup> T <sub>E</sub> X document	Willadt	538
latin	Latin language definition for Babel	Beccari	146
latin1jk	Inputenc encoding for verbatim ISO 8859-1 use	Knappen	292
latin2jk	Inputenc encoding for verbatim ISO 8859-2 use	Knappen	292
latin3jk	Inputenc encoding for verbatim ISO 8859-3 use	Knappen	292
latino-sine-fle...	L <sup>A</sup> T <sub>E</sub> X support for documents written in Peano's Interlingua	Leve	318
lato	Lato font family and L <sup>A</sup> T <sub>E</sub> X support	El Morabity, Dziedzic	353
Layaureo	A package to improve the A4 page layout	Busdraghi	168
layout	View the layout of a document	McPherson, Braams, Umeki, L <sup>A</sup> T <sub>E</sub> X Team	344
layouts	Display various elements of a document's layout	Robertson, Wilson	415
lazylist	Lists in T <sub>E</sub> X's "mouth"	Jeffrey	272
lb2-examples	Examples from "Der L <sup>A</sup> T <sub>E</sub> X Begleiter"	Mittelbach	350
lccaps	Lowercased (spaced) small capitals	Giannotti	228
lcd	Alphanumeric LCD-style displays	Kaufmann	280
LCDF-typetools	A bundle of outline font manipulation tools	Kohler	296
lcg	Generate random integers	Janka	271
lcircuit	Circuit symbols for use in L <sup>A</sup> T <sub>E</sub> X picture mode	Johnstone	274
lcyw	Make Classic Cyrillic CM fonts accessible in L <sup>A</sup> T <sub>E</sub> X	Lidovski	319
ldiff	A script for marking the differences between two L <sup>A</sup> T <sub>E</sub> X files	Tsur	501
leading	Define leading with a length	Robertson	413
leadsheets	Typesetting leadsheets and songbooks	Niederberger	365
leaflet	Create small handouts (flyers)	Schmidt, Niepraschk, Gäßlein, Schlegelmilch	435
leawood	L <sup>A</sup> T <sub>E</sub> X support for use of ITC Leawood font family	Pakin	383
lebhart	Write your articles in a colorful way	XU	547
lecturer	On-screen presentations for (almost) all formats	Isambert	267
lectures	A document class for quickly drafting nice looking lecture notes	Cappelletti	170
lectureslides	Combine single PDF files into one file	Zhang	555

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
LEd	An environment for L <sup>A</sup> T <sub>E</sub> X document development	Deorowicz, Skorczynski	193
ledarab	Typeset scholarly editions in arabic	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	541
ledmac	Typeset scholarly editions	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	541
ledpar	Typeset scholarly editions in parallel texts	Wilson, Khalighi, Rouquette, bidi-tex GitHub Organisation	541
leftidx	Left and right subscripts and superscripts in math mode	Harders	248
leftindex	Left indices with better spacing	Ørsted	380
LElletter	A letter class for Leiden University	Kreutzer	303
leipzig	Typeset and index linguistic gloss abbreviations	Weber	534
lengthconvert	Express lengths in arbitrary units	Daniel	190
letgut	Class for the newsletter “La Lettre GUTenberg” of the French T <sub>E</sub> X User Group GUTenberg	Association GUTenberg	138
letltxmacro	Let assignment for L <sup>A</sup> T <sub>E</sub> X macros	Oberdiek	373
letter-plain	Letter macros for Plain T <sub>E</sub> X	Unknown	507
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	310
letter1	Letter formatting macros	Unknown	507
lettergothic	The Adobe Type 1 font family Letter GothicType	URW GmbH, Schmidt, Harcombe	512
lettermac	Simple macros for writing letters (Plain T <sub>E</sub> X)	Smith	454
letterspacing	Letter spacing	Taylor	481
letterswitharrows	Draw arrows over math letters	Teegen	481
lettre	Letters and faxes in French	Mégevand, Belaïche	345
lettrine	Typeset dropped capitals	Flipo	217
levy-font	Fonts for typesetting classical greek	Levy, Wujastyk, Wonneberger	318
levy-latex	Macros for using Silvio Levy’s Greek fonts	Dafferner	188
lewis	Draw Lewis structures	Horvath	262
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	433
lexikon	Macros for a two language dictionary	Kielhorn	284
lexitex	Footnote-style citations for law journals	Bennett	150
lexref	Convenient and uniform references to legal provisions	Vion	522
lextex	Typesetting legal documents using plain T <sub>E</sub> X	Horne	262
lfb	A Greek font with normal and bold variants	Field	213
lfonts-ams	Use AMS fonts as standard L <sup>A</sup> T <sub>E</sub> X 2.09 fonts	Fuchs	223
lgc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion	Rahtz	403
lgc2-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Graphics Companion, second edition	Mittelbach, Rahtz	351
lgraph	A program to generate graphs	Podar	397
lgreek	L <sup>A</sup> T <sub>E</sub> X macros for using Silvio Levy’s Greek fonts	Murphy	359
lgrind	Produce beautiful listings of source code with L <sup>A</sup> T <sub>E</sub> X	Piefel	392
lgrmath	Use LGR-encoded fonts in math mode	Burnol	167
lgrx	Obsolete package for Greek in text	Milde	348
lh	Cyrillic fonts that support L <sup>A</sup> T <sub>E</sub> X standard encodings	Khodulev, Lapko, Berdnikov, Volovich	284
lhcyr	A non-standard Cyrillic input scheme	Zhytnikov	556
lhelp	Miscellaneous helper packages	Kuhlmann	305
libertine-legacy	Linux Libertine fonts for (La)TeX and pdf(La)TeX users	Tennent, Niedermair	486
libertine-type1	(pdf)L <sup>A</sup> T <sub>E</sub> X support for the Libertine family of fonts	Tennent	484
libertine	Use of Linux Libertine and Biolinum fonts with L <sup>A</sup> T <sub>E</sub> X	Tennent	484
libertinegc	Libertine add-on to support Greek and Cyrillic	Sharpe	446

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
libertineotf	Linux Libertine fonts for use with Lua(La)TeX and Xe(La)TeX	Gundlach, Niedermair	242
libertinus-fonts	The Libertinus font family	Hosny, MacLennan	263
libertinus-otf	Support for Libertinus OpenType	Voß	526
libertinus-type1	Support for using Libertinus fonts with L <sup>A</sup> T <sub>E</sub> X/pdfLaTeX	Tennent	484
libertinus	Wrapper to use the correct libertine package according to the used T <sub>E</sub> X engine	Voß	526
LibertinusT1Math	A Type 1 font and L <sup>A</sup> T <sub>E</sub> X support for Libertinus Math	Sharpe	446
libgreek	Greek letters in math mode from Libertinus or Linux Libertine/Biolinum	Burnol	167
librarian	Tools to create bibliographies in T <sub>E</sub> X	Isambert	267
librebaskerville	The Libre Baskerville family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
librebodoni	Libre Bodoni fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
librecaslon	Libre Caslon fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
librefranklin	L <sup>A</sup> T <sub>E</sub> X support for the Libre-Franklin family of fonts	Tennent	484
libris	Libris ADF fonts, with L <sup>A</sup> T <sub>E</sub> X support	Harendal, Rees	249
lie-hasse	Draw Hasse diagrams	McKay	343
lifia-th	A thesis class for LIFIA, Grenoble	Pfister	391
liftarm	Draw liftarms	Floré	218
LigaTeX	Remove unnecessary ligatures	Killesreiter	285
Light LaTeX Make	lrmk: A build tool for L <sup>A</sup> T <sub>E</sub> X documents	Asakura	137
ligtype	Comprehensive ligature suppression functionalities	Kelkel	280
lilyglyphs	Access lilypond fragments and glyphs, in L <sup>A</sup> T <sub>E</sub> X	Liska	321
limap	Typeset maps and blocks according to the Information Mapping® method	Neugebauer	363
limecv	A (Xe/Lua)L <sup>A</sup> T <sub>E</sub> X document class for curriculum vitæ	Pieters	394
linearA	Linear A script fonts	Syropoulos	472
linearb	Linear B script used in the Bronze Age for Mycenaean Greek	Wilson	540
linebreaker	Prevent overflow boxes with LuaLaTeX	Hoftich	260
linegoal	A “dimen” that returns the space left on the line	Chervet	179
lineno	Line numbers on paragraphs	Böttcher, Lück, Wette	159
linenoamsmath	Use the lineno package together with amsmath	Wette	536
ling-macros	Macros for typesetting formal linguistics	McKenzie	343
lingtrees	Linguistics trees preprocessor and macros	Andrews	133
linguex	Format linguists’ examples	Sternefeld	463
linguisticspro	LinguisticsPro fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
linop	Typeset linear operators as they appear in quantum theory or linear algebra	Weytjens	536
linsys	Typeset systems of linear equations	Kehowski	280
lintex	Tidy up after a T <sub>E</sub> X run	Loreti, Kavanagh	327
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	196
lips	Text ellipses in L <sup>A</sup> T <sub>E</sub> X	Swift	470
lipsum	Easy access to the Lorem Ipsum and other dummy texts	Happel, Oleinik	246
lisp-on-tex	Execute LISP code in a L <sup>A</sup> T <sub>E</sub> X document	Shizuya	449
list	List ASCII text files	Knuth	294
listbib	Lists contents of BibTeX files	Kuhlmann	305
listing-pln	Almost-verbatim list programs	Toby	497
listing	Produce formatted program listings	Kuhlmann, Hebley	306
listings-ext	Automated input of source	Hoffman	259
listings	Typeset source code listings using L <sup>A</sup> T <sub>E</sub> X	Hoffmann, Moses, Heinz	259
listingsutf8	Allow UTF-8 in listings input	Oberdiek	373
listbls	Creates a list of all labels used throughout a document	Melzer	346
listliketab	Typeset lists as tables	Pakin	383
listofanswers	Provide a list of answers to mathematical problems	Ipanaqué	267
listofitems	Grab items in lists using user-specified sep char	Tellechea, Segletes	482

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
listofsymbols	Create and manipulate lists of symbols	Spreng	459
literate	A literate programming system, not tied to any language	Schrod	438
literaturnaya	The Literaturnaya family of fonts	ParaGraph International, Volovich, Malyarenko	386
LiteTable	A template provides a beautiful design of class schedule with colorful course blocks	Xia	546
lithuanian	Lithuanian language support	Tolušis	497
liturg	Support for typesetting Catholic liturgical texts	Goodman	233
ljmetrics	Metrics for Laserjet built-in fonts	Walsh	532
lkort	A short introduction to L <sup>A</sup> T <sub>E</sub> X, in Dutch	van Oostrum	380
LKproof	LK Proof figure macros	Tatsuta	480
llist	List ASCII text files in landscape	Knuth	294
llncs	Document class and bibliography style for Lecture Notes in Computer Science (LNCS)	Richter	411
llncs209	Macros for Springer books	Unknown	507
llncsconf	L <sup>A</sup> T <sub>E</sub> X package extending Springer's llncs class	Brucker	164
lm-math	OpenType maths fonts for Latin Modern	Jackowski, Pianowski, Strzelczyk	269
lm	Latin modern fonts in outline formats	Jackowski, Nowacki	268
lmacs	A simple package for including support files	Story	466
lmake	Process lists to do repetitive actions	Pan	385
lms	L <sup>A</sup> T <sub>E</sub> X 2.09 style for LMS journals	Garling, Mulvey, Woollatt	225
ln03dvi	DVI to LN03 driver	Thomas	494
lni	Official class for the "Lecture Notes in Informatics"	Sievers	451
lobster2	Lobster Two fonts, with support for all L <sup>A</sup> T <sub>E</sub> X engines	Tennent	484
locality	Various macros for keeping things local	Gross	240
localloc	Macros for localizing T <sub>E</sub> X register allocations	Raichle	404
logbox	e-TeX showbox facilities for exploration purposes	Chervet	179
logfilter	Choose what you want to see of a (La)TeX log	Graversen	237
loggates	A small font for logic gates, and L <sup>A</sup> T <sub>E</sub> X support	Verwer	517
logic	A font for electronic logic design	Simpson	452
logical-markup-...	Packages for language-dependent inline quotes and dashes	Maslowski	339
logicproof	Box proofs for propositional and predicate logic	Davidson	191
logicpuzzle	Typeset (grid-based) logic puzzles	Kleber	288
logix	Supplement to the Unicode math symbols	Finney	215
logoetalab	Insert Licence Etalab 2.0 logo	Pierquet	393
logpap	Generate logarithmic graph paper with L <sup>A</sup> T <sub>E</sub> X	Kaufmann	280
logreq	Support for automation of the L <sup>A</sup> T <sub>E</sub> X workflow	Lehman	315
logsys	Draw logarithmic coordinate systems	Hansen	246
lollipop	TeX made easy	Eijkhout, Khalighi, bidi-tex GitHub Organisation	204
longdiv	Long division arithmetic problems	Arseneau	135
longdivision	Typesets long division	Chatham	177
longfbox	Draw framed boxes with standard CSS attributes that can break over multiple pages	Leijen	316
longfigure	Provides a figure-like environment that break over pages	Arnold	134
longnamefilelist	Tidy \listfiles with long file names	Lück	329
longtable	Allow tables to flow over page boundaries	Carlisle, Kastrup, L <sup>A</sup> T <sub>E</sub> X Team	173
longtocline	Macros to produce a table of contents	Unknown	507
lookbibtex	Tools for examining BibTeX files	Heidemann	252
loops	General looping macros for use with L <sup>A</sup> T <sub>E</sub> X	Musa	360
losymbol	Defines a mechanism for producing a list of symbols	van Dooren	196
lout	An alternative typesetting system	Kingston	287
loval	Round-cornered framed boxes	Schalück	429



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lparse	A Lua module for parsing key-value options	Friedrich	222
lpform	Typesetting linear programming formulations and sets of equations	Waltman	532
lpic	Put L <sup>A</sup> T <sub>E</sub> X material over included graphics	Matveev	341
lplfitch	Fitch-style natural deduction proofs	Zach	552
lps	Class for "Logic and Philosophy of Science"	Cevolani	176
lpw	A literate programming environment for Macs	Lindenberg	320
lroundrect	L <sup>A</sup> T <sub>E</sub> X macros for utilizing the roundrect MetaPost routines	Goodman	233
lsabon	Support files for the Linotype Sabon fonts	Veytsman	519
lsc	Typesetting Live Sequence Charts	Westphal	536
lscope	Place selected parts of a document in landscape	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	174
lshort-bulgarian	Bulgarian translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Karakoleva	278
lshort-czech	Czech translation of the "Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e"	Madr, Stríž, Oetiker	334
lshort-dutch	Introduction to L <sup>A</sup> T <sub>E</sub> X in Dutch	Becuwe, Windels, Oetiker	147
lshort-english	A (Not So) Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Oetiker	377
lshort-estonian	Estonian introduction to L <sup>A</sup> T <sub>E</sub> X	Palm	385
lshort-finnish	Finnish introduction to L <sup>A</sup> T <sub>E</sub> X	Hellgren	253
lshort-french	Short introduction to L <sup>A</sup> T <sub>E</sub> X, French translation	Colin, Pégourié-Gonnard, Oetiker	184
lshort-german	German version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e: L <sup>A</sup> T <sub>E</sub> X2e-Kurzbeschreibung	Schmidt, Gundlach, Daniel	433
lshort-italian	Introduction to L <sup>A</sup> T <sub>E</sub> X in Italian	GuIT (Gruppo Utilizzatori Italiani di TeX), Beccari, Bilotta	242
lshort-japanese	Japanese version of A Short Introduction to L <sup>A</sup> T <sub>E</sub> X2e	Masataka	339
lshort-korean	Korean introduction to L <sup>A</sup> T <sub>E</sub> X	Kim, Cho	286
lshort-mongol	Short introduction to L <sup>A</sup> T <sub>E</sub> X, in Mongolian	Batumongke	143
lshort-mongolian	Short introduction to L <sup>A</sup> T <sub>E</sub> X 2.09, Mongolian translation	Dorj, Corff	196
lshort-persian	Persian (Farsi) introduction to L <sup>A</sup> T <sub>E</sub> X	Omidali, Oetiker	379
lshort-polish	Introduction to L <sup>A</sup> T <sub>E</sub> X in Polish	Goldasz, Kubiak, Przechlewski, Serwin	231
lshort-portuguese...	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese (Brazil)	Polli	397
lshort-portuguese	Introduction to L <sup>A</sup> T <sub>E</sub> X in Portuguese	Simões	451
lshort-russian	Russian introduction to L <sup>A</sup> T <sub>E</sub> X	Tobotras	497
lshort-slovak	Slovak introduction to L <sup>A</sup> T <sub>E</sub> X	Busa, Oetiker	168
lshort-slovenian	Slovenian translation of lshort	Plestenjak	396
lshort-spanish	Short introduction to L <sup>A</sup> T <sub>E</sub> X, Spanish translation	Carleos Arttime, Rivera, Vela	137
lshort-thai	Introduction to L <sup>A</sup> T <sub>E</sub> X in Thai	Visavakul, Oetiker	522
lshort-turkish	Turkish introduction to L <sup>A</sup> T <sub>E</sub> X	Karaoglu, Oetiker	278
lshort-ukr	Ukrainian version of the L <sup>A</sup> T <sub>E</sub> X introduction	Polyakov	397
lshort-vietnamese	Vietnamese version of the L <sup>A</sup> T <sub>E</sub> X introduction	Nguyen	364
lshort-zh-cn	Introduction to L <sup>A</sup> T <sub>E</sub> X, in Chinese	Xing, Stuart, Zeng	546
lshort	A short introduction to L <sup>A</sup> T <sub>E</sub> X 2e	Oetiker	377
lstaddons	Add-on packages for listings: autogobble and line background	Scharrer	430
lstbayes	Listings language driver for Bayesian modeling languages	Arnold	134
lstfiracode	Use Fira Code font for listings	Zhang	554
lt3graph	Provide a graph datastructure for experimental L <sup>A</sup> T <sub>E</sub> X3	Helvensteijn	253
lt3luabridge	Execute Lua code in any T <sub>E</sub> X engine that exposes the shell	Novotný	369
lt3rawobjects	Objects and proxies in L <sup>A</sup> T <sub>E</sub> X3	De Donato	196
ltablex	Table package extensions	Goel	231
ltabptch	Bug fix for longtable	Lück	329
ltb2bib	Converts amsrefs' .ltb bibliographical databases to BibT <sub>E</sub> X format	Bartholdi	142
lrcaption	Fix some caption problems in longtables	Sommerfeldt	456
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	351
ltoh	A converter from L <sup>A</sup> T <sub>E</sub> X to HTML	Quong	401

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
l <sup>A</sup> T <sub>T</sub>	Example code for "L <sup>A</sup> T <sub>E</sub> X Tipps und Tricks" book	Klöckl	291
ltx2mathml	Convert L <sup>A</sup> T <sub>E</sub> X math to MathML	Frane Jr	276
ltx2rtf	A conversion program from L <sup>A</sup> T <sub>E</sub> X to Rich Text Format	Dorner, Granzer, Taupin	196
ltx2x	Replace L <sup>A</sup> T <sub>E</sub> X commands in a document by user-defined strings	Wilson	540
ltx3pub	Early publications of the L <sup>A</sup> T <sub>E</sub> X project	Mittelbach, Rowley	351
ltx4yt	Play YouTube videos in the default browser	Story	466
ltxcmds	Some L <sup>A</sup> T <sub>E</sub> X kernel commands for general use	Oberdiek	373
ltxdiff	A Win32 program that compares tokens in two .tex files	Becker	147
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	174
ltxdockit	Documentation support	Lehman	315
ltxfileinfo	Print version information for a L <sup>A</sup> T <sub>E</sub> X file	Dekker	191
ltxgrid	Control of the page grid	Ogawa	377
ltxguidex	An extended ltxguide class	Turner	502
ltximg	Extract L <sup>A</sup> T <sub>E</sub> X environments into separate image files	González Luengo	331
ltxindex	A L <sup>A</sup> T <sub>E</sub> X package to typeset indices with GNU's Texindex	Rivera	412
ltxinput	Find files input by a document	Green	238
ltxkeys	A robust key parser for L <sup>A</sup> T <sub>E</sub> X	Musa	360
ltxmisc	Miscellaneous L <sup>A</sup> T <sub>E</sub> X packages, etc	Unknown	507
ltxnew	A simple means of creating commands	Chervet	179
ltxtable	Longtable and tabularx merge	Carlisle	171
ltxtools	A collection of L <sup>A</sup> T <sub>E</sub> X API macros	Musa	360
ltxutil	L <sup>A</sup> T <sub>E</sub> X utility macros	Ogawa	377
lua-alt-getopt	Process application arguments the same way as getopt_long	Cheusov, Hosny	180
lua-check-hyphen	Mark hyphenations in a document, for checking	Gundlach	242
lua-physical	Functions and objects for the computation of physical quantities	Jenni	273
lua-tinyyaml	A tiny YAML (subset) parser for pure Lua	Lee	315
lua-typo	Highlighting typographical flaws with LuaLaTeX	Flipo	217
Lua-UCA	Unicode Collation Algorithm library for Lua	Hoftich	260
LuauL	Underlining for LuaLaTeX	Krüger	304
lua-uni-algos	Unicode algorithms for LuaTeX	Krüger	304
lua-visual-debug	Visual debugging with LuaLaTeX	Gundlach	242
lua-widow-control	Automatically remove widows and orphans from any document	Chernoff	178
lua2dox	Auto-documentation of lua code	Dales	189
luaaddplot	An extension to pgfplots' \addplot macro	Kotucha	301
luabibentry	Repeat BibTeX entries in a LuaL <sup>A</sup> T <sub>E</sub> X document body	Kopp	300
luabidi	Bidi functions for LuaTeX	Khalighi, Rosendahl, bidi- tex GitHub Organisation, Spitzmüller	284
luacas	A computer algebra system for users of LuaLaTeX	All, Cochrane	132
luacensor	Securely redact sensitive information using Lua	Granet	236
luacode	Helper for executing lua code from within T <sub>E</sub> X	Pégourié-Gonnard	389
luacolor	Color support based on LuaTeX's node attributes	Oberdiek	374
luacomplex	Operations on complex numbers inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	179
luafindfont	Search fonts in the LuaTeX font database	Voß	526
luagcd	Computation of gcd of integers inside L <sup>A</sup> T <sub>E</sub> X using Lua	Chetan Shirore and Ajit Kumar	179
luahttp	Compile-time internet-interactive PDF-documents using Lua and Lu- aTeX	Casaburi	174
luahyphenrules	Loading patterns in LuaL <sup>A</sup> T <sub>E</sub> X with language.dat	Bezoz López	323
luaimageembed	Embed images as base64-encoded strings	Sachs	427
luaindex	Create index using LuaLaTeX	Kohm	298
luainputenc	Replacing inputenc for use in LuaTeX	Roux, Pégourié-Gonnard	423
luaintro	Examples from the book "Einführung in LuaTeX und LuaLaTeX"	Voß	526
luakeys	A Lua module for parsing key-value options	Friedrich	222

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
lualatex-doc-de	Guide to LuaL <sup>A</sup> T <sub>E</sub> X (German translation)	Pégourié-Gonnard, Römer	390
lualatex-doc	A guide to use of L <sup>A</sup> T <sub>E</sub> X with LuaTeX	Pégourié-Gonnard	389
lualatex-math	Fixes for mathematics-related LuaL <sup>A</sup> T <sub>E</sub> X issues	Stephani	462
luaLaTeX-platform	Load platform-specific code into LuaTeX	Stephani	462
lualatex-truncate	A wrapper for using the truncate package with LuaLaTeX	Friedl	222
lualibs	Additional Lua functions for LuaTeX macro programmers	Roux, Gesang, L <sup>A</sup> T <sub>E</sub> X Team	423
lualinalg	A linear algebra package for LuaLaTeX	Chetan Shirore and Ajit Kumar	179
luamathalign	More flexible alignment in amsmath environments	Krüger	304
luamaths	Provide standard mathematical operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	179
luamesh	Computes and draws 2D Delaunay triangulation	Chupin	182
luamodulartables	Generate modular addition and multiplication tables	Chetan Shirore and Ajit Kumar	180
luamplib	Use LuaTeX’s built-in MetaPost interpreter	Hagen, Hoekwater, Roux, Pégourié-Gonnard, Gesang, Kim	244
luanumint	Numerical integration using Lua inside L <sup>A</sup> T <sub>E</sub> X documents	Chetan Shirore and Ajit Kumar	180
luaoptions	Option handling for LuaL <sup>A</sup> T <sub>E</sub> X packages	Peron	391
luaotfload	OpenType ‘loader’ for Plain T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Roux, Hosny, Pégourié-Gonnard, Robertson, Gesang, L <sup>A</sup> T <sub>E</sub> X Team, Fischer, Krüger	423
luapackageloader	Allow LuaTeX to load external Lua packages	Jois	274
luaplot	Plotting graphs using Lua	Chetan Shirore and Ajit Kumar	180
luaprohtable	Programmable table interface for LuaLaTeX	Xiang	546
luapstricks	A PStricks backend for LuaLaTeX	Krüger	304
luaquotes	Smart setting of quotation marks	Granet	236
luarandom	Create lists of random numbers	Voß	526
luaset	Set Operations inside L <sup>A</sup> T <sub>E</sub> X documents using Lua	Chetan Shirore and Ajit Kumar	180
luasseq	Drawing spectral sequences in LuaLaTeX	Bauer	143
luatex-def	LuaTeX option file for color and graphics	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	174
luatex-pkg	Basic definitions for LuaTeX	Oberdiek	374
luatex	The LuaTeX engine	The LuaTeX Team	489
luatex85	pdfTeX aliases for LuaTeX	Carlisle, Wright, L <sup>A</sup> T <sub>E</sub> X Team	174
luatexbase	Basic resource management for LuaTeX code	Pégourié-Gonnard, Gesang, Roux, Carlisle, Wright	390
luatexja	Typeset Japanese with Lua(La)TeX	Kitagawa	287
luatexko	Typeset Korean with Lua(La)TeX	Kim, Nam	285
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	424
luatodonotes	Add editing annotations in a LuaL <sup>A</sup> T <sub>E</sub> X document	Lipp	320
luatruthtable	Generate truth tables of boolean values in LuaLaTeX	Chetan Shirore and Ajit Kumar	180
luavlna	Prevent line breaks after single letter words, units, or academic titles	Hoftich	260
luaxml	Lua library for reading and serialising XML files	Hoftich	260
lucida-otf	Support for the Lucida Bright fonts (OpenType)	Voß	526
lucida	Metrics, etc., for Lucida Bright and Lucida Math	Schmidt, Harcombe	434
lucidabr	PSNFSS support for Lucida Type 1 fonts	TUG Lucida Support Group	501
lucold	Use old-style digits with Lucida fonts	Loreti	326
lug	Create and edit T <sub>E</sub> X Local User Group web pages	Dekker	191
lutabulartools	Some useful LuaLaTeX-based tabular tools	Ewasiuk	208

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
LuxiMono	Free monospace fonts	Schmidt, Harcombe, Bigelow, Holmes	435
lwarp	Converts L <sup>A</sup> T <sub>E</sub> X to HTML	Dunn	200
lwc-examples	Examples from The L <sup>A</sup> T <sub>E</sub> X Web Companion	Rahtz	403
LXfonts	Set of slide fonts based on CM	Beccari	146
lxmlail	A letter-generator that produces L <sup>A</sup> T <sub>E</sub> X output	Fasada	211
ly1	Support for LY1 L <sup>A</sup> T <sub>E</sub> X encoding	Carlisle, Schmidt, Berry	173
lyluatex	Commands to include lilypond scores within a (Lua)L <sup>A</sup> T <sub>E</sub> X document	Peron, The Gregorio Project	391
lyx	Document processor based on L <sup>A</sup> T <sub>E</sub> X	Ettrich	208
<b>MMMMM</b>			
m-pictex	Enable PicTeX to run with L <sup>A</sup> T <sub>E</sub> X	Burnus	167
M-Tx	A preprocessor for pmx	Tennent, Laurie	486
m3D	Extension of plain MetaPost for 3D graphics	Phan	391
maad	Mathematical Approximations and Documentation	Watson, Jr	250
mab2bib	Converter tools: MAB to BibTeX and UTF-8 to L <sup>A</sup> T <sub>E</sub> X ASCII	Ramm	405
macbibtex	BibTeX for the Macintosh	Darley	190
macfont	Convert Apple type 1 fonts for use under Windows	Walsh	532
macrolist	List operations for L <sup>A</sup> T <sub>E</sub> X2e	Chen	177
macros2e	A list of internal L <sup>A</sup> T <sub>E</sub> X2e macros	Scharrer	431
macroswap	Swap the definitions of two L <sup>A</sup> T <sub>E</sub> X macros	Lee	314
mactex-basic	A basic T <sub>E</sub> X distribution for the Macintosh	TUG TWG-MacTeX	501
mactex	The T <sub>E</sub> X Live Mac distribution	TUG TWG-MacTeX	501
mactextras	Extras for the MacTeX distribution	TUG TWG-MacTeX	501
mactotex	Convert "Macintosh PostScript" for use with T <sub>E</sub> X	Fedor	212
mafr	Mathematics in accord with French usage	Obrecht	377
magaz	Magazine layout	Arseneau	135
magic	A font to go with the Magic(TM) game	Dörntge	197
magicnum	Access T <sub>E</sub> X systems' "magic numbers"	Oberdiek	374
magicwatermark	An easy and flexible way to set watermarks	Guo	242
magra	The Magra font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
mahjong	Typeset Mahjong Tiles using MPSZ Notation	Schmitz	436
mailing	Macros for mail merging	Braams	160
mailmerge	Repeating text field substitution	Frasson	221
make-env	Print USPS standard envelopes	Smith	454
make_latex	L <sup>A</sup> T <sub>E</sub> X Makefile	Beasley	144
make4ht	A build system for tex4ht	Hoftich	261
makebarcode	Print various kinds 2/5 and Code 39 bar codes	Wagner	531
makebase	Typeset counters in a different base	Flynn	218
makebox	Defines a \makebox* command	Harders	248
makecell	Tabular column heads and multilined cells	Lapko	311
MakeCirc	A MetaPost library for drawing electrical circuit diagrams	Bustamante Argañaraz	134
makecmds	The new \makecommand command always (re)defines a command	Robertson, Wilson	415
makecookbook	Make a Cookbook	Murphy, D'Amico	359
makedoc	Preprocessing documentation with T <sub>E</sub> X	Lück	329
makedtx	Perl script to help generate dtx and ins files	Talbot, Belaïche	478
makefonts	Shell scripts to generate bitmaps from Metafont sources	Kuhlmann	305
makeglos	Include a glossary into a document	Henlich	255
MakeGlossariesGUI	Java GUI alternative to makeglossaries script	Talbot	477
makeidx	Standard L <sup>A</sup> T <sub>E</sub> X package for creating indexes	L <sup>A</sup> T <sub>E</sub> X Team	492
makeindex	Process index output to produce typesettable code	Chen, Beebe	177
makeindexk	Makeindex development sources	Chen, T <sub>E</sub> XLive	177
makelabels	Add a \makelabels feature to KOMA-Script letter classes and package	Kohm	298
makeplot	Easy plots from Matlab in L <sup>A</sup> T <sub>E</sub> X	Vila-Forcén	522
makeprog	A literate system for T <sub>E</sub> X programming	Schrod	438
maker	Include Arduino or Processing code in L <sup>A</sup> T <sub>E</sub> X documents	Lagos Suárez	469

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
makerobust	Making a macro robust (legacy package)	Oberdiek	374
makerobust209	Make an existing L <sup>A</sup> T <sub>E</sub> X command robust	Carlisle	171
makeshape	Declare new PGF shapes	Robson	417
maketable	Convert Word or Excel tables to T <sub>E</sub> X tabular structures	Maier	336
Makor 2	Typeset pointed Hebrew using Omega	Hoenig	259
malayalam-latex	L <sup>A</sup> T <sub>E</sub> X for Malayalam	Alex	131
malayalam-obsolete	Fonts for typesetting Malayalam, with a pre-processor	Hellingman	253
malayalam-omega	Typesetting Malayalam using Omega	Alex	131
maltese	Support input in Maltese	Farrugia	211
malvern	A sans-serif font family	Cugley	188
mandel	Compute the Mandelbrot set	Unknown	508
mandi	Macros for introductory physics and astronomy	Heafner	251
manfnt	L <sup>A</sup> T <sub>E</sub> X support for the T <sub>E</sub> X book symbols	Kielhorn	284
manjutex	Manju language support	Corff	185
manpage	Man pages in L <sup>A</sup> T <sub>E</sub> X	Chen	178
manual	Knuth's "manual" fonts	Knuth, Hoekwater	295
manual209	A document style for manuals	Nieland	366
Manuscript	Emulate look of a document typed on a typewriter	Cepl	175
manyfoot	Adds footnote levels to standard L <sup>A</sup> T <sub>E</sub> X's footnote mechanism	Rozhenko	424
manyind	Provides support for many indexes	van der Kallen	277
mapcodes	Support for multiple character sets and encodings	Piotrowski	396
maple	Styles and examples for the MAPLE newsletter	Unknown	508
marathi	Typeset Marathi language using X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X or LuaLaTeX	Unknown	508
Marcellus	Marcellus fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
margbib	Display bibitem tags in the margins	Tinnefeld	496
marginal	Extensions to \marginpar handling	Tolušis	497
marginfit	Improved margin notes	Leclaire	313
marginfix	Patch \marginpar to avoid overfull margins	Hicks	257
marginnote	Notes in the margin, even where \marginpar fails	Kohm	298
marginnote	Make numbered notes in the margin	Greenwade	239
markdown	Converting and rendering markdown documents inside T <sub>E</sub> X	Novotný	369
marnote	Place text in the margin of a document	McCauley	342
marvosym	Martin Vogel's Symbols (marvosym) font	Henlich, Vogel, Miklavec	255
matapli	Class for the french journal "MATAPLI"	Chupin	182
matc3	Commands for MatematicaC3 textbooks	Vrettos	530
matc3mem	Class for MatematicaC3 textbooks	Vrettos	530
match_parens	Find mismatches of parentheses, braces, (angle) brackets, in texts	Dekker	191
math-e	Examples from the book Typesetting Mathematics with L <sup>A</sup> T <sub>E</sub> X	Voß	526
math-into-latex-4	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, 4th Edition	Grätzer	237
mathabx-type1	Outline version of the mathabx fonts	Hotta	264
mathabx	Three series of mathematical symbols	Phan	391
mathalpha	General package for loading maths alphabets in L <sup>A</sup> T <sub>E</sub> X	Sharpe	446
mathalphabets	Chinese introduction to mathematical alphabets	Chao	176
mathastext	Use the text font in maths mode	Burnol	167
mathbbol	Use the bbold fonts in mathematics	Knappen	292
mathcmd	Mathematics support commands	Bosisio	158
mathcommand	\newcommand-like commands for defining math macros	Colcombet	184
mathcomp	Text symbols in maths mode	Böß	158
mathdesign	Mathematical fonts to fit with particular text fonts	Pichaureau	392
mathdots	Commands to produce dots in math that respect font size	Luecking	330
mathematica	Support for fonts distributed with Mathematica	Kuska	307
mathesatz-examples	Examples from the book "Mathematiksatz mit L <sup>A</sup> T <sub>E</sub> X"	Voß	526
mathexam	Package for typesetting exams	Hlavacek	258
mathfam256	Extend math family up to 256 for pLaTeX/upLaTeX/Lamed	Yamashita	548
mathfixs	Fix various layout issues in math mode	Beisert	149



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mathfont	Use TrueType and OpenType fonts in math mode	Kosowsky	301
mathgifs	Support for Microsoft Georgia and ITC Franklin Gothic	Veytsman	519
mathinst	Merge font families to create mathematical font sets	Hoening	259
mathkit	Generate maths fonts to match outline fonts	Hoening	259
mathlig	Define maths "ligatures"	Bean	144
mathpartir	Typesetting sequences of math formulas, e.g. type inference rules	Remy	409
mathpazo	Fonts to typeset mathematics to match Palatino	Puga	400
mathpple	Use PostScript Palatino for typesetting maths	Schmidt	433
mathptm	Adobe Times Roman (or equivalent) for text and maths	Jeffrey, Rahtz, Vieth	272
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	435
mathpunctspace	Control the space after punctuation in math expressions	Kieda	284
mathrsfs	Support for using RSFS fonts in maths	Knappen	292
maths-symbols	Summary of mathematical symbols available in L <sup>A</sup> T <sub>E</sub> X	Carlisle, Fairbairns	173
mathsci2bibtex	Convert Mathsci database information to BibTeX	Zakharevich	552
mathscinet	Retrieve references from MathSciNet in BibTeX format	Tweedale	502
mathsemantics	Semantic math commands in L <sup>A</sup> T <sub>E</sub> X	Bergmann	151
MathSpad	A mathematics-capable word processor with L <sup>A</sup> T <sub>E</sub> X output	Verhoeven	516
mathspec	Specify arbitrary fonts for mathematics in XeTeX	Moschou	354
mathspic	A Perl filter program for use with PiCTeX	Syropoulos, Nickalls	473
mathstone	Use Adobe Stone Serif and Stone Sans for typesetting maths	Adrián	130
mathstyle	Manage mathematics typesetting style	Downes, Høgholm, Madsen, Robertson, Wright	197
mathtex	A CGI program to use L <sup>A</sup> T <sub>E</sub> X to put mathematics on the web	Forkosh	219
mathtime-ltx	L <sup>A</sup> T <sub>E</sub> X macros for using MathTime and MathTime Plus	Mittelbach, Carlisle	351
mathtime-metrics	MathTime AFM files	Unknown	508
mathtime-pln	Plain T <sub>E</sub> X macros for using MathTime and MathTime Plus	Lewenberg	318
mathtools	Mathematical tools to use with amsmath	Høgholm, Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright	261
MathTrip	A trip to the wonderful world of mathematics	Aubord	138
MathType	Evaluation version of a commercial equation editor	Virga, Mathews	522
matlab-prettyfier	Pretty-print Matlab source code	Cretel	187
matlabweb	Literate programming system for Matlab	Potse	398
matrix-skeleton	A PGF/TikZ library that simplifies working with multiple matrix nodes	Dudebout	200
mattns	Matrices/tensor typesetting	Els	205
mattnx	Import Matlab values to L <sup>A</sup> T <sub>E</sub> X documents	Van Snick	455
maybeload	Prevent reloading of files	Unknown	508
maybemath	Make math bold or italic according to context	Buckley	164
maze	Generate random mazes	Du	199
mbboard	Comprehensive blackboard bold fonts	Phan	391
mnotes	Notes in tables or images	Borck-Elsner	157
mboxfill	Fill free space with a pattern	Rozhenko	425
mcaption	Put captions in the margin	Hennig	255
mceinleger	Creating covers for music cassettes	Benischke	150
mcexam	Create randomized Multiple Choice questions	Vannieuwenhuyze	514
mcf2graph	Draw chemical structure diagrams with MetaPost	Yamaji	547
mcite	Multiple items in a single citation	Ohl	378
mciteplus	Enhanced multiple citations	Shell	448
mcmthesis	Template designed for MCM/ICM	Huang, Unknown, Wang	265
mctex	Convert VAXIMA output to (La)TeX code	Leangsuksun	313
mdframed	Framed environments that can split at page boundaries	Daniel, Schubert	190
mdputu	Upright digits in Adobe Utopia Italic	Veytsman	519
mdsymbol	Symbol fonts to match Adobe Myriad Pro	Schubert	439
mdvi	A DVI previewer	Atria	138

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mdwfonts	A model for font manipulation	Wooding	543
mdwlist	Miscellaneous list-related commands	Wooding	543
mdwmath	Some maths extensions	Wooding	543
mdwtab	A reimplementaion of tabular and array environments	Wooding	543
mdwtools	Miscellaneous tools by Mark Wooding	Wooding	543
mecaso	Formulas frequently used in rigid body mechanics	Derrazi	193
media4svg	Multimedia inclusion for the dvisvgm backend	Grahn	235
media9	Multimedia inclusion package with Adobe Reader-9/X compatibility	Grahn	235
medstarbeamer	Beamer document class for MedStar Health Research Institute	Kumar	306
meetingmins	Format written minutes of meetings	Beitzel	149
megatape	Make cassette tape labels	Nickel	364
mem	A multilingual system for Lamed	Bezos López	323
membranecomputing	Membrane Computing notation	Orellana Martín	338
memdesign	Notes on book design	Wilson, Madsen	541
memexsupp	Experimental memoir support	Madsen	335
memhfixc	Adjustment for using hyperref in memoir documents	Wilson, Madsen	542
memo-pln	Plain T <sub>E</sub> X macros for memoranda	Unknown	508
memo2	A memo document style	McPherson	344
memo209	A memo document style	Roth	421
memoir	Typeset fiction, non-fiction and mathematical books	Wilson, Madsen	542
MemoirChapterSt...	Chapter styles in memoir class	Madsen	335
Memoize	Externalization of graphics and memoization of compilation results in general	Živanović	557
memory	Containers for data in L <sup>A</sup> T <sub>E</sub> X	Zhiwei	556
memorygraphs	TikZ styles to typeset graphs of program memory	Staps	461
mendex-doc	Documentation for Mendex index processor	Japanese T <sub>E</sub> X Team	271
mensa-tex	Typeset simple school cafeteria menus	Friedl	222
mentis	A basis for books to be published by Mentis publishers	Verweyen	517
menu	Typesetting menus	Lickert	319
menucard	Typesetting menu cards with L <sup>A</sup> T <sub>E</sub> X	Frank	220
menukeys	Format menu sequences, paths and keystrokes from lists	Weh, Spratte	534
MEP_article	Class for Mechanical Engineering Publications	Balemi	140
meper	MetaPost editor and previewer	Pan	385
mercatormap	Spherical Mercator coordinate systems and Web Mercator tile inte-gration	Sturm	468
merge	Perform mail merges in L <sup>A</sup> T <sub>E</sub> X	McKinstry	343
merriweather	Merriweather and MerriweatherSans fonts, with L <sup>A</sup> T <sub>E</sub> X support	Tennent	484
messagebubbles	Display message bubbles as a conversation	Harrer	250
messagepassing	Draw diagrams to represent communication protocols	Vassor	515
meta-mode	Emacs mode for Metafont/post	Vieth	521
metafont-beginners	An introductory tutorial for Metafont	Tobin	497
Metafont	A system for specifying fonts	Knuth	294
metafp	Some Experiences in Running Metafont and MetaPost	Wilson	540
metago	MetaPost output of Go positions	Zheng	555
metainfo	Typeset document outline with metainfo	Sauer	429
metalogo	Extended T <sub>E</sub> X logo macros	Moschou	354
metalogox	Adjust T <sub>E</sub> X logos, with font detection	Dunn	201
metanorma	Write Metanorma standardization documents using LaTe	Brasolin	161
metaobj	MetaPost package providing high-level objects	Roegel	417
MetaPlot	Plot-manipulation macros for use in MetaPost	Moses	354
metapost-colorb...	An implementation of the colorbrewer2.org colours for MetaPost	Thurston	495
MetaPost examples	Example drawings using MetaPost	Zoonekynd	557
metapost-matlab	MetaPost data plotting in Matlab style	Yang	548
metapost	A development of Metafont for creating graphics	The MetaPost Team, Hobby	489
metastr	Store and compose strings	Beisert	149

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
METATeX	Incorporate Metafont pictures in T <sub>E</sub> X source	Casares	174
metatype1	Generate Type 1 fonts from MetaPost	JNS team	274
metauml	MetaPost library for typesetting UML diagrams	Gheorghies	227
method	Typeset method and variable declarations	Leineweber, Drucbert	316
metre	Support for the work of classicists	Boggio-Togna	155
metrix	Typeset metric marks for Latin text	Weh	534
metsymb	The package provides dedicated T <sub>E</sub> X commands to generate (vectorial) meteorological symbols	Vogt	523
mewltx	MicroEmacs for Windows L <sup>A</sup> T <sub>E</sub> X interface	Reid	408
mex	Polish formats for T <sub>E</sub> X	Jackowski, Ryćko	270
mf-ps	Metafont-PostScript conversions	Jackowski	268
mf2ps	Modification of Metafont to produce PostScript output	Yanai, Berry	548
mf2pt1	Convert stylized Metafont to PostScript Type 1	Pakin	384
mf2pt3	Create Adobe Type 3 fonts	Syropoulos	472
mf2tex	Add labels into drawings created with Metafont	Spalek	457
mfbook	The source of The Metafontbook	Knuth	294
mff-util	Metafont management	Cugley	188
mff	Multiple font formats	Berdnikov, Turtia	151
mfirstuc	Uppercase the first letter of a word	Talbot	477
mlogo-font	Metafont logo font	Knuth, Hoekwater	296
mlogo	L <sup>A</sup> T <sub>E</sub> X support for Metafont logo fonts	Vieth	521
mlogo209	Typeset the Metafont logo under L <sup>A</sup> T <sub>E</sub> X 2.09	Hosek	263
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	351
mfpic	Draw Metafont/post pictures from (La)TeX commands	Luecking, Tobin	331
mfpic4ode	Macros to draw direction fields and solutions of ODEs	Mařík	337
mftinc	Pretty-print Metafont source	Pakin	384
mfttrace	Convert Metafont fonts to Adobe Type 1	Nienhuys	366
mfware	Supporting tools for use with Metafont	Knuth, Rokicki, Fuchs	296
MFwL	Making friends with L <sup>A</sup> T <sub>E</sub> X	Kumar	306
mg1TeX	High-quality graphics from MGL scripts embedded in L <sup>A</sup> T <sub>E</sub> X documents	Sejas Viscarra, Balakin	522
mh	Stub for the (old) ‘mh’ bundle	Høgholm, Madsen, Robertson, Wright	261
mhack	Macros for marginal notes, in Plain T <sub>E</sub> X	Walsh	532
mhchem	Typeset chemical formulae/equations and H and P statements	Hensel	256
mhequ	Multicolumn equations, tags, labels, sub-numbering	Hairer	244
mhs	Historical mathematics	Brix	162
mhsetup	The mathtools “setup” function	Madsen, L <sup>A</sup> T <sub>E</sub> X Team, Robertson, Wright, Høgholm	335
mi-solns	Extract solutions from exercises and quizzes	Story	466
miama	The Miama Nueva handwriting font with L <sup>A</sup> T <sub>E</sub> X support	Romer	419
MicroIMP	A T <sub>E</sub> X-based word processor	MicroPress	347
microtype-de	Translation into German of the documentation of microtype	Schröder, Schwerdtfeger	438
microtype	Subliminal refinements towards typographical perfection	Schlicht	433
Mid2TeX/Free	Convert MIDI to MusicTeX input	Köhler	296
midfloat	Mixing onecolumn and twocolumn modes at any place of page	Tolušis	497
Midi2TeX/Free	Convert MIDI to MusicTeX input	Kuykens, Verbruggen	308
midnight	A set of useful macro tools	van der Goot	234
midpage	Environment for vertical centring	Robertson, Wilson	415
mif2xfig	Conversion between Frame Maker and Xfig	Lundqvist	331
miktex-portable	A version of MikTeX to carry around	Schenk	432
miktex	A free T <sub>E</sub> X distribution for MS-Windows	Schenk	432
miktex_update	A cygwin bash script for automatic updating and installing new packages of MikTeX	Kleber	288

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mil	Samples from Math into L <sup>A</sup> T <sub>E</sub> X	Grätzer	237
mil3	Samples from Math into L <sup>A</sup> T <sub>E</sub> X, third edition	Grätzer	237
millier	Typeset miller indices	Harders, Pedersen	249
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	288
milstd	Generate documents according to MIL STD 490	McPherson	344
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	187
mimetex	Parse L <sup>A</sup> T <sub>E</sub> X math expressions and emit gif or xbitmaps	Forkosh	219
mindflow	Write your ideas in a clear way	XU	547
minibox	A simple type of box for L <sup>A</sup> T <sub>E</sub> X	Robertson	413
minidocument	Creates miniature documents inside other L <sup>A</sup> T <sub>E</sub> X documents	Leclaire	313
minifp	Fixed-point real computations to 8 decimals	Luecking	330
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	172
minim-hatching	Create tiling patterns with the minim-mp MetaPost processor	Renkema	409
minim-math	Extensive maths for LuaTeX	Renkema	409
minim-mp	Low-level mplib integration for LuaTeX	Renkema	409
minim-pdf	Low-level PDF integration for LuaTeX	Renkema	409
minim-xmp	Embed XMP metadata in PDF with LuaTeX	Renkema	409
minim	A modern plain format for the LuaTeX engine	Renkema	409
minimal	A trivial class, for use when testing	L <sup>A</sup> T <sub>E</sub> X Team	492
minimalist	Write your articles or books in a simple and clear way	XU	547
minion2newtx	Enable use of Minion Pro with newtx	Sharpe	446
minionpro	L <sup>A</sup> T <sub>E</sub> X support for Adobe MinionPro fonts	Blumensath	155
minipage-marginpar	Minipages with marginal notes	Ebermann	202
MiniPlot	A package for easy figure arrangement	Wahl	531
minitoc	Produce a table of contents for each chapter, part or section	Drucbert	198
minorrevision	Quote and refer to a manuscript for minor revisions	Guillaumin	242
minted	Highlighted source code for L <sup>A</sup> T <sub>E</sub> X	Poore, Rudolph	398
mintspirit	L <sup>A</sup> T <sub>E</sub> X support for MintSpirit font families	Tennent	484
minutes	Typeset the minutes of meetings	Lickert	319
mirr	PostScript mirror header (for dvips)	BOP	156
mismatch	Miscellaneous mathematical macros	Missier	350
missaali	A late medieval OpenType textura font	Syrjänen	471
mitpress	Typeset documents for MIT Press	Unknown	508
mitthesis	A L <sup>A</sup> T <sub>E</sub> X template for an MIT thesis	Lienhard	319
mk	A T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X maker	Dekker	192
mkbangtex	A preprocessor for BangTeX	Ray	406
mkbib	BibTeX file creator	Banerjee	140
mkjobtexmf	Generate a texmf tree for a particular job	Oberdiek	374
mkpattern	A utility for making hyphenation patterns	Múgica de Rivera	412
mkpic	Perl interface to mfpic	Dekker	192
mkpkfontdir	Manipulate TDS directories for PK fonts	Arrouye	134
mkstamp	Provides a simple workflow for creating custom stamps	Story	466
mla-paper	Proper MLA formatting	Aycock, Wheelwright	139
mla	MLA BibTeX styles	Weissert, Shaw	535
mlacsls	L <sup>A</sup> T <sub>E</sub> X class for MLA papers	Price	400
mlawriter	Write MLA style documents in Plain T <sub>E</sub> X	Wang	532
mlbib	Support for multilingual bibliographies	Matiaske	340
mleftright	Variants of delimiters that act as maths open/close	Oberdiek	374
mlist	Logical markup for lists	Robertson	413
MLMath	Mathematical notation for Machine Learning	Ma	334
MLModern	A blacker Type 1 version of Computer Modern, with multilingual support	Miller	349
mltex-ltx	L <sup>A</sup> T <sub>E</sub> X support for MLTeX	Raichle	404

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mltex	The MLTeX system	Raichle, Ferguson	404
mluexercise	Exercises/homework at the Martin Luther University Halle-Wittenberg	Fachschaftsrat Mathematik/Informatik Uni Halle	208
mm	A jiffy Multiple Master tool	Goossens, Rahtz	234
mma2ltx	Use Mathematica graphics in a L <sup>A</sup> T <sub>E</sub> X document	Ghibo	227
mmafm	Font metrics for multiple-master font	Kohler	296
mmap	Include CMap resources in PDF files from pdfTeX	Moore	353
mpfb	Create instance of multiple-master font	Kohler	296
mmtools	Multiple master fonts tools	Kohler	296
mnhyphn	Hyphenation patterns for Mongolian	Batumongke	143
mnotes	Margin annotation for collaborative writing	Luz	333
mnras-plain	Plain T <sub>E</sub> X macros for MNRAS	Woollatt	544
mnras	Monthly Notices of the Royal Astronomical Society	Royal Astronomical Society, Thompson, Clube, Jones	424
MnSymbol	Mathematical symbol font for Adobe MinionPro	Blumensath	155
mnttex	Tools for the "The Secret History of the Mongols"	Corff	185
modeles-facture...	Generate invoices for Belgian non-profit organizations	Sebille, Cassart	442
moderncv	A modern curriculum vitae class	Danaux, Lachnit	190
modernposter	A modern L <sup>A</sup> T <sub>E</sub> X poster theme	Derler	193
moderntimeline	Timelines for use with moderncv	Pinson	396
modes	A collection of Metafont mode_def's	Berry	151
modguide	The rules about modifying L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	492
modiagram	Drawing molecular orbital diagrams	Niederberger	365
modref	Customisation of cross-references in L <sup>A</sup> T <sub>E</sub> X	de Beaudrap	144
modroman	Write numbers in lower case roman numerals	Henel	255
modular	Relative section headings for modular documents	Sank	428
modulus	A non-destructive modulus and integer quotient operator for T <sub>E</sub> X	Goodman	233
mol2chemfig	Convert chemical structures from MDL molfile format to chemfig source code	Palmer	385
mongolian-babel	A language definition file for Mongolian in Babel	Batumongke	143
monofill	Alignment of plain text	Lück	329
monster	Obsolete name for Frankenstein	Swift	470
montex	Mongolian L <sup>A</sup> T <sub>E</sub> X	Corff	185
montserrat	Montserrat sans serif, otf and pfb, with L <sup>A</sup> T <sub>E</sub> X support files	Sharpe	446
moodle	Generating Moodle quizzes via L <sup>A</sup> T <sub>E</sub> X	Hendrickson, Guerin-Kern	254
moonphase	Font for representing the phases of the moon	Brabec	160
moredefs	L <sup>A</sup> T <sub>E</sub> X defining, expansion, and debugging commands	Swift	470
moreenum	More enumeration options	Bradley	160
morefloats	Increase the number of simultaneous L <sup>A</sup> T <sub>E</sub> X floats	Hosek, Münch	263
morehelp	Improve L <sup>A</sup> T <sub>E</sub> X error messages	Kummer	307
morehype	Hypertext tools for use with L <sup>A</sup> T <sub>E</sub> X	Lück	329
moresize	Allows font sizes up to 35.83pt	Cornelssen	186
moreverb	Extended verbatim	Fairbairns, Duggan, Schöpf, Eijkhout, Carlisle	209
morewrites	Always room for a new write stream	Le Floch	217
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	271
morse	Support for printing Morse code signs	Heyl	257
movement-arrows	Drawing movement arrows on linguistic example sentences	Munn	357
movie15	Multimedia inclusion package	Grahn	235
threed	3D animations	Roegel	418
mparhack	Work around a L <sup>A</sup> T <sub>E</sub> X bug in marginpars	Ulrich, Fischer	502
mparrows	MetaPost module with different types of arrow heads	Jørgensen	275
mpattern	Patterns in MetaPost	Bolek	156
MPchess	Drawing chess boards and positions with MetaPost	Chupin	182



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
mpcolornames	Extend list of predefined colour names for MetaPost	Hennig	255
mpdinbrief	An enhanced version of dinbrief	Pilzecker	395
MPedit	MetaPost text editor for Win32	Vabishchevich	513
mpfonts	Computer Modern Type 3 fonts converted using MetaPost	Miller	349
mpgraphics	Process and display MetaPost figures inline	Khalighi, bidi-tex GitHub Organisation	283
mpman-ru	A Russian translation of the MetaPost manual	Hobby, Lidovski	258
mpostinl	Embed MetaPost figures within L <sup>A</sup> T <sub>E</sub> X documents	Beisert	149
MPStoEPS	A converter from MetaPost output to Encapsulated PostScript	Henderson	254
mptrees	Probability trees with MetaPost	Péault	389
mrcheckbib	A BibTeX file verification tool	Cagnol	169
mrrecog	Recognise un-escaped command names in maths	Wentworth	536
ms	Various L <sup>A</sup> T <sub>E</sub> X packages by Martin Schröder	Schröder, Peischl	439
msc	Draw MSC diagrams	van Deursen, Bos, Mauw, Gil Pons	194
msg	A package for L <sup>A</sup> T <sub>E</sub> X localisation	Gaulle	225
mslapa	Michael Landy's APA citation style	Landy	310
msu-thesis	Class for Michigan State University Master's and PhD theses	Munn	357
msx2msa	Simulate msxm and msym fonts using msam and msbm	Unknown	508
msym	A partial implementation of the old msym10 font	Horn	262
mt11p	Use MathTime complete under L <sup>A</sup> T <sub>E</sub> X	Lím	320
mtbe	Macros for "Mathematical T <sub>E</sub> X by Example"	Borde	157
mtex	The pioneering music-in-TeX macros	Steinbach, Schofer	462
mtgreek	Use italic and upright greek letters with mathtime	Tinnfeld	496
mtp2lite	Subset of MathTime Pro 2 font set	Spivak	458
mucproc	Conference proceedings for the German MuC-conference	Peischl	390
mugstheiss	Thesis class complying with Marquette University Graduate School requirements	Gessler	227
muling	MA Thesis class for the Department of Linguistics, University of Mumbai	Unknown	508
multenum	Multi-column enumerated lists	Kletzing	291
multiaudience	Several versions of output from the same source	Veytsman	519
multibbl	Multiple bibliographies	Syropoulos	472
multibib	Multiple bibliographies within one document	Hansen	246
multibibliography	Multiple versions of a bibliography, with different sort orders	Cohen, Haralambous, Veytsman	184
multibox	Multiple boxes and frames for the picture environment	Hamilton Kelly	281
multicap	Format captions inside multicols	Vassilogiorgakis	515
multicol	Intermix single and multiple columns	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	352
multicolpar	Put successive paragraphs in different columns	Orlandini, Hailperin	380
multicolrule	Decorative rules between columns	Hagen	244
multidef	Quickly define several similar macros	Markey	338
multido	A loop facility for Generic T <sub>E</sub> X	Van Zandt, Niepraschk, Voß	553
multienv	Multiple environments using a "key=value" syntax	Scharrer	431
multiexpand	Variations on the primitive command \expandafter	Le Floch	217
multifootnote	Multiple numbers for the same footnote	XU	547
multilang	A L <sup>A</sup> T <sub>E</sub> X package for maintaining multiple translations of a document	Grewe	240
multind	Multiple indexes in L <sup>A</sup> T <sub>E</sub> X documents	Long	322
multiobjective	Symbols for multiobjective optimisation etc	Martí	338
multiple-choice	L <sup>A</sup> T <sub>E</sub> X package for multiple-choice questions	Razavian	406
multirow	Create tabular cells spanning multiple rows	van Oostrum, Leichter	380
multitoc	Set table of contents in multiple columns	Schröder, Peischl	439
munich	An alternative authordate bibliography style	Brixner	162
musical	Typeset (musical) theatre scripts	Howell	264
musicography	Accessing symbols for music writing with pdfLaTeX	Cashner	174

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
musicTeX	Typesetting music with T <sub>E</sub> X	Taupin	480
musikui	Easy creation of “arithmetical restoration” puzzles	Kaneko	278
musixguit	Easy notation for guitar music, in MusixTeX	Niederberger	365
musixtex-egler	Multi-pass music typesetting	Egler, Taupin	203
musixtex-fonts	Fonts used by MusixTeX	Tennent, Uchiyama, Taupin	486
musixtex-t1fonts	Adobe Type 1 versions of MusiXTeX fonts	Uchiyama	502
MusiXTeX	Sophisticated music typesetting	Tennent, Simons, Coulon, Morimoto, Vogel, Taupin, Egler, Mitchell	486
musixtnt	A MusiXTeX extension library that enables transformations of the effect of notes commands	Tennent	484
musuos	Typeset papers for the department of music, Osnabrück	Weh	534
muthesis	Classes for University of Manchester Dept of Computer Science	Gough	234
mversion	Keeping track of document versions	Schmeing	433
mwcls	Polish-oriented document classes	Woliński	543
mwe	Packages and image files for MWEs	Scharrer	431
mweights	Support for multiple-weight font packages	Tennent	484
mwite	Write information to files	Creutzig	187
mxd	Support for Mongolian “horizontal” (Xewtee Dorwoljin) script	Corff	185
mxedruli	A pair of fonts for different Georgian alphabets	Heinecke	252
mychemistry	Create reaction schemes with L <sup>A</sup> T <sub>E</sub> X and chemfig	Niederberger	365
mycv	A list-driven CV class, allowing TikZ decorations	Gheri	227
myfilist	Configuring the output of the \listfiles command	Lück	329
mylatex	Make a format containing a document’s preamble	Carlisle	171
mylatexformat	Build a format based on the preamble of a L <sup>A</sup> T <sub>E</sub> X file	Chervet	179
myletter	An old letter class	Kielhorn	284
mynsfc	XeL <sup>A</sup> T <sub>E</sub> X template for writing the main body of NSFC proposals	Qi	401
<b>NNNNN</b>			
na-border	Decorative borders for texts in Arabic and French	Mohamed, Laouidji	352
na-box	Arabic-aware version of pas-cours package	Mohamed	352
na-position	Tables of relative positions of curves and asymptotes or tangents in Arabic documents	Mohamed, Laouidji	352
nabatean	Font for Nabatean script	Wilson	540
nag	Detecting and warning about obsolete L <sup>A</sup> T <sub>E</sub> X commands	Schwarz	441
nahuatl	Render nahuatl glyphs	Alvarez Zavala	554
naive-ebnf	EBNF in plain text	Bugayenko	166
nameauth	Name authority mechanism for consistency in body text and index	Schaum	432
named	”Named” bibliography style	Patel-Schneider	388
namedef	T <sub>E</sub> X definitions with named parameters	Oleinik	378
namedtensor	Macros for named tensor notation	Chiang	180
nameref	Make reference to section names, etc	Oberdiek, Oberdiek Package Support Group, Rahtz	376
namespc	Rudimentary C++-like namespaces in L <sup>A</sup> T <sub>E</sub> X	Dreyer	198
namunsrt	An unsorted BibTeX style with labels provided in the database	Unknown	508
nanicolle	Typesetting herbarium specimen labels	Yang	548
nanumtype1	Type1 subfonts of Nanum Korean fonts	Kim	285
nar	BibTeX style for Nucleic Acid Research	Schneider	437
nassflow	Drawing Nassi-Shneiderman diagrams and flowcharts	Lindhout, van Geest, Braams	320
natbib	Flexible bibliography support	Daly, Ogawa	190
natded	Typeset natural deduction proofs	Ajalloeian	130
Nath	Natural mathematics notation	Marvan	338
natmove	Move punctuation following a citation	Wright, Arseneau	545
nature	Prepare papers for the journal Nature	Czoschke	188
navigator	PDF features across formats and engines	Isambert	267

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
navydocs	Support for Technical Reports by US Navy Organizations	Rochford	417
nb4latex	Convert NotaBene4 to L <sup>A</sup> T <sub>E</sub> X	Milanese	348
nbaseprt	Print numbers in non-decimal bases	Harders	248
nbaskerv	Metrics and L <sup>A</sup> T <sub>E</sub> X support for ITC New Baskerville Font From Adobe	Veytsman	519
nccbbb	“Poor man’s” blackboard bold	Rozhenko	425
nccboxes	Elaborate box commands	Rozhenko	425
ncccomma	Use comma as decimal separator in mathematics	Rozhenko	425
ncccropbox	Crop-marked boxes	Rozhenko	425
ncccropmark	Draw cropmarks on the output page	Rozhenko	425
nccfancyhdr	Extensive control of page headers and footers	Rozhenko	425
nccfloats	Extensions of the L <sup>A</sup> T <sub>E</sub> X float mechanisms	Rozhenko	425
nccfoots	User-generated footnote marks	Rozhenko	425
NCC-LaTeX	An extended general-purpose class	Rozhenko	425
nccmath	Extended mathematics capabilities	Rozhenko	425
nccparskip	Modify skips between paragraphs	Rozhenko	425
nccpic	Extend the graphicx package for more formats	Rozhenko	425
nccrules	Compose dashed lines	Rozhenko	425
nccsect	A re-implementation of sections, captions and tocs	Rozhenko	425
ncctest	Insert a stretch between each token of a string	Rozhenko	425
nccthm	Another theorem environment	Rozhenko	426
ncctools	A collection of general packages for L <sup>A</sup> T <sub>E</sub> X	Rozhenko	426
nChairX	Maths macros from chair X of Würzburg University	Dippell	195
nddiss	Notre Dame Dissertation format class	Vijay, Brower	522
ndsu-thesis-2022	North Dakota State University disquisition class 2022	Cannayen	170
ndsu-thesis	North Dakota State University disquisition class	Thorne, Feickert, Totushek	495
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	215
needspace	Insert pagebreak if not enough space	Robertson, Wilson	415
NL hyphenation	Hyphenation patterns for Dutch	Tutelaers	502
nemocal	Calendar maker	Jeong	273
nestquot	Alternate quotes between double and single with nesting	Hars	250
neufont	New font installation	Lorenz	326
neuralnetwork	Graph-drawing for neural networks	Cowan	187
neuron	BibTeX style for the journal Neuron	Rizzuto	412
nevelok	L <sup>A</sup> T <sub>E</sub> X package for automatic definite articles for Hungarian	Bodo	155
newalg	Format algorithms like Cormen, Leiserson and Rivest	Farnbach, Furnanz	211
newapa	Another APA citation mechanism	Spencer, Ryu	457
newcastle-bst	A BibTeX style to format reference lists in the Harvard at Newcastle style	Briggs	162
newclude	Reimplemented \include system for L <sup>A</sup> T <sub>E</sub> X	Swift	470
newcommand	Generate new L <sup>A</sup> T <sub>E</sub> X command definitions	Pakin	384
NewComputerModern	Computer Modern fonts including matching non-latin alphabets	Tsolomitis	500
newenviron	Processing an environment’s body	Musa	360
newfile	User level management of L <sup>A</sup> T <sub>E</sub> X input and output	Robertson, Wilson	415
newfloat	Define new floating environments	Sommerfeldt	456
newinsert	Reworking Plain T <sub>E</sub> X’s insert macros	Neumann	363
newlrm	Write letters, facsimiles, and memos	Thompson	495
newpax	Experimental package to extract and reinsert PDF annotations	Fischer	216
newproof	Make commands to define proofs	Piff, Fairbairns, Carlisle	395
newpx	Alternative uses of the PX fonts, with improved metrics	Sharpe	446
newsletr	Macros for making newsletters with Plain T <sub>E</sub> X	Goatley	231
newspaper	Typeset newsletters to resemble newspapers	Allen, Griffith	132
newthm	Obsolete version of ntheorem	Schlechte	433
newtx	Alternative uses of the TX fonts, with improved metrics	Sharpe	446
newtxsf	Sans-math fonts for use with newtx	Sharpe	446
newtxtt	Enhancement of typewriter fonts from newtx	Sharpe	446

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
newunicodechar	Definitions of the meaning of Unicode characters	Gregorio	239
newvbtm	Define your own verbatim-like environment	Nakashima	361
newverbs	Define new versions of <code>\verb</code> , including short verb versions	Scharrer	431
nextpage	Generalisations of the page advance commands	Robertson, Wilson	415
nexus-otf	Supporting for the Nexus OpenType or True Type Fonts	Voß	526
nfssext-cfr	Extensions to the L <sup>A</sup> T <sub>E</sub> X NFSS	Rees, Lehman	407
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	352
ngerman	Support for new German typography	Raichle	404
nicefilelist	Provide <code>\listfiles</code> alignment	Lück	329
nicefrac	Typeset in-line fractions in a "nice" way	Reichert	408
niceframe-type1	Type 1 versions of the fonts recommended in niceframe	Niepraschk	367
niceframe	Support for fancy frames	Ohlhaut	378
nicematrix	Improve the typesetting of mathematical matrices with PGF	Pantigny	386
nicetext	Minimal markup for simple text (Wikipedia style) and documentation	Lück	329
niceverb	Minimising markup for documenting L <sup>A</sup> T <sub>E</sub> X packages	Lück	329
nidanfloat	Bottom placement option for double float in two column mode (nidan-kumi)	Japanese T <sub>E</sub> X Team	271
nih	A class for NIH grant applications	Donald	196
nihbiosketch	A class for NIH biosketches based on the 2015 updated format	Magwene	335
nimbus15	Support files for Nimbus 2015 Core fonts	Sharpe	446
nimsticks	Draws sticks for games of multi-pile Nim	Rowlett	424
ninecolors	Select colors with proper WCAG color contrast	Lyu	333
NJUrepo	Reports for Nanjing University	Zheng	555
njusthesis	Thesis template for the Nanjing University of Science and Technology	Zhenyu	556
njuthesis	L <sup>A</sup> T <sub>E</sub> X thesis template for Nanjing University	Zhao, Xiong	555
njuvisual	Display logos related to Nanjing University	Xiong	546
nkarta	A "new" version of the karta cartographic fonts	Luecking	330
nl-interval	Represent intervals on the number line	Neves	363
nlatexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and .Net (or Mono)	Höns	262
nlctdoc	Package documentation class	Talbot	477
nmbib	Multiple versions of a bibliography, with different sort orders	Veytsman	520
ndraw	Draw neural networks	Dias	194
nnext	Extension for the gb4e package	LaCara	309
nnfootnote	"No number" footnotes	Ellison	205
noconflict	Resolve macro name conflict between packages	Hossain	264
nodetree	Visualize node lists in a tree view	Friedrich	222
nofill	Preserve spaces and line breaks when setting text	Unknown	508
nohyph	Norwegian hyphenation	Kleveland, Selberg,	291
		Hufthammer	
nohyphbx	General hyphenation patterns for Norwegian	Kleveland, Selberg	291
noindentafter	Prevent paragraph indentation after environments or macros	Helvensteijn, Hanisch	254
noitcrul	Improved underlines in mathematics	Ebermann	202
nolbreaks	No line breaks in text	Arseneau	135
nomenc1	Produce lists of symbols as in nomenclature	Veytsman, Radhakrishnan,	520
		Netherton, Schandl	
nomentbl	Nomenclature typeset in a longtable	Elmegaard	205
non-decimal-units	Display and manipulate historical non-decimal units	Eriksen	207
nonfloat	Non-floating table and figure captions	Rascher	405
nonumonpart	Prevent page numbers on part pages	Henel	255
nopageno	No page numbers in L <sup>A</sup> T <sub>E</sub> X documents	Carlisle	171
noprot	Avoid the need for protection	Sozuer	457
norbib	Norwegian bibliography styles	Langmyhr	311
normalcolor	Changing <code>\normalcolor</code>	Kohm	298
nostarch	L <sup>A</sup> T <sub>E</sub> X class for No Starch Press	Veytsman	520
NoteBeamer	A template for printing presentations on notepaper	Xia	546

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
notes	Mark sections of a document	Webb	534
notes2bib	Integrating notes into the bibliography	Wright	544
NotesPages	Filling documents with notes pages and notes areas	Kaufmann	280
NotesTeX	An all-in-one L <sup>A</sup> T <sub>E</sub> X notes package for students	Dhumuntarao	194
noTeX-bst	A BibTeX style that outputs HTML	Vigna	521
noto-emoji	Noto Emoji fonts	Zeng	554
noto	Support for Noto fonts	Tennent	485
notoccite	Prevent trouble from citations in table of contents, etc	Arseneau	135
notoCJKsc	This package provides Noto CJK fonts	Zhou	556
notocondensed	Support for the condensed variants of the Noto fonts	Tennent	485
notomath	Math support for Noto fonts	Sharpe	446
novel	Class for printing fiction, such as novels	Allgeyer	132
noweb	A simple extensible literate programming tool	Ramsey	405
nowidow	Avoid widows	Pinson	396
nox	Adaptable tables	Borck-Elsner, Schöpf	157
npp-for-context	ConTeXt plugin for Notepad++	Scarso, Hamid	429
nrc	Class for the NRC technical journals	Fairbairns, Thiele	210
ntabbing	Simple tabbing extension for automatic line numbering	Stupp	468
ntg-maps	The NTG's journal MAPS	Nederlandstalige TeX Gebruikersgroep	361
ntg	Dutch T <sub>E</sub> X Users Group information	Unknown	508
ntgclass	"European" versions of standard classes	Eijkhout, Braams	204
nth	Generate English ordinal numbers	Arseneau	135
ntheorem-vn	Vietnamese translation of documentation of ntheorem	Huynh	266
ntheorem	Enhanced theorem environment	May, Schedler	342
NTS-L	NTS mailing list digests	Unknown	508
NTS	New Typesetting System	The NTS Project	489
ntsfaq	Frequently answered questions about T <sub>E</sub> X extension	Knappen	292
nuc	Notation for nuclear isotopes	Davis	191
nucleardata	Provides data about atomic nuclides for documents	Nettles	362
numalg	BibTeX style for Kluwer's Numerical Algorithms	Mathar	339
numberedblock	Print a block of code, with unique index number	Segletes	443
numberpt	Counters spelled out in Portuguese	Frasson	221
numending	Generates morphological end of units	Kirillova	287
numera-plus	Iteration and recurrence relations: finding fixed points, zeros and extrema of functions	Parsloe	387
numera-tables	Create multi-column tables of mathematical functions	Parsloe	387
numera	Numerically evaluate mathematical expressions in L <sup>A</sup> T <sub>E</sub> X form	Parsloe	387
numericplots	Plot numeric data (including Matlab export) using PSTricks	König, Michel	300
numline	L <sup>A</sup> T <sub>E</sub> X macros for numbering lines	Jaegermann, Fortune	270
numname	Convert a number to its English expression	Swamidass	469
numnameru	Converts a number to the russian spelled out name	Vit	522
numprint	Print numbers with separators and exponent if necessary	Harders	248
numspell	Spelling cardinal and ordinal numbers	Tómacs	498
Nunito	The Nunito font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
nwafuthesis	A thesis template package for Northwest A&F University, China	Geng	226
nwejm	Support for the journal "North-Western European Journal of Mathematics"	Bitouzé	153
<b>00000</b>			
oands	Glyphs used when transliterating ancient scripts	Wilson	540
obas	Web based interface to a bibliographical database	van Heerden	251
oberdiek	A bundle of packages submitted by Heiko Oberdiek	Oberdiek	374
objectz	Macros for typesetting Object Z	Rahtz, Leadbetter	404
obnov	Obyknovennaya Novaya fonts	Solomykov	455
obsolete	A tree holding obsolete software	Unknown	508



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
oca	OCR A font	Wales	531
occam	Strip unnecessary macros from a file	Siebenmann	450
ocg-p	PDF OCG support in L <sup>A</sup> T <sub>E</sub> X	Werner	536
ocgtools	Manipulate OCG layers in PDF presentations	Mařík	338
ocgx	Use OCGs within a PDF document without JavaScript	Gaborit	224
ocgx2	Drop-in replacement for ‘ocgx’ and ‘ocg-p’	Grahn	235
ochem	Typeset chemical formulae with L <sup>A</sup> T <sub>E</sub> X	Klöckl	291
ocherokee	L <sup>A</sup> T <sub>E</sub> X Support for the Cherokee language	Syropoulos	472
ocr-a	Fonts for OCR-A	Wales, Lillqvist	531
ocr-b-outline	OCR-B fonts in Type 1 and OpenType	Wagner	531
ocr-b	Fonts for OCR-B	Schwarz	441
ocr-latex	L <sup>A</sup> T <sub>E</sub> X support for ocr fonts	Jørgensen	275
octave	Typeset musical pitches with octave designations	Cashner	174
octavo	Typeset books following classical design and layout	Revets	410
odsfile	Read OpenDocument Spreadsheet documents as L <sup>A</sup> T <sub>E</sub> X tables	Hoftich	261
oesch	Font to provide the Österreichische Schulschrift	Bachmaier	139
ofntinst	Install Type 1 for use with Omega	Kryukov	305
ofs	Macros for managing large font collections	Olšák	379
ogham	Fonts for typesetting Ogham script	Stanier, Fairbairns, Carlisle	461
ogonek	Support for Polish typography and the ogonek	Bień	153
oinuit	L <sup>A</sup> T <sub>E</sub> X Support for the Inuktitut Language	Syropoulos	472
okuda	Fonts for Klingon	Kummer, Shoulson	307
old-arrows	Computer Modern old-style arrows with smaller arrowheads	Dossena	197
old-faq-en	An early FAQ in English	Bodenheimer	155
old-fontch	Changing fonts, sizes and encodings in Plain T <sub>E</sub> X (obsolete version)	Medina	344
oldlatin	Compute Modern-like font with long s	Terashita	486
oldprsn	Fonts old Persian cuneiform script	Wilson	540
oldstandard	OldStandard fonts with L <sup>A</sup> T <sub>E</sub> X support	Kryukov, Lečić, Alessi, Tennent	305
OldStandardT1	Type 1 versions of Old Standard fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	485
oldstyle	Old style numbers in OT1 encoding	Fairbairns, Carlisle	209
oletex	OLE - L <sup>A</sup> T <sub>E</sub> X interface	Trifonov	499
olsak-misc	Collection of plain T <sub>E</sub> X macros written by Petr Olšák	Olšák	379
omega	A wide-character-set extension of T <sub>E</sub> X	Haralambous, Plaice	247
12many	Generalising mathematical index sets	Schwarz	441
OneDown	Typeset Bridge Diagrams	Wiersma	537
onepagem	If the document has only one page, omit page number	Piff, Fairbairns, Carlisle	395
onlyamsmath	Inhibit use of non-amsmath mathematics markup when using amsmath	Harders	249
onrannual	Class for Office of Naval Research Ocean Battlespace Sensing annual report	Maxwell	341
oops	A framework for making definitions, typically mathematical, inline	Rogard	418
opacity-pro	Set transparency and blend mode	Story	466
OpBible	Creating a study Bible with OpTeX	Olšák	379
opcit	Footnote-style bibliographical references	Garcia-De Castro	175
opencolor	Definitions from the Open Color library	Piazzai	392
opensans	The Open Sans font family, and L <sup>A</sup> T <sub>E</sub> X support	El Morabity	353
oPlotSymb1	Some symbols which are not easily available	Döhring	195
opteng	SPIE Optical Engineering and OE Letters manuscript template	Egan	203
OpTeX	LuaTeX format based on Plain T <sub>E</sub> X and OPmac	Olšák	379
OpTeXcount	Python script for counting words in OpTeX documents	Hartmann	250
optidef	Environments for writing optimization problems	Lago Garcia	225
optional	Facilitate optional printing of parts of a document	Arseneau	135
options	Provides convenient key-value options for L <sup>A</sup> T <sub>E</sub> X package writers	Leijen	316
optparams	Macros with multiple optional parameters	Sauer	429

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
orcidlink	Insert hyperlinked ORCID logo	Stein	462
Orderer	Order references in a $\TeX$ file	Siddikov	450
orderrefs	Sort bibliography in $\LaTeX$ document by order of citation	Collins	184
ordinalpt	Counters as ordinal numbers in Portuguese	Frasson	221
oriental	A version of $\TeX$ for which Oriental languages are native	Prosoft International	400
orientation	Set page orientation with dvips/Ghostscript (ps2pdf)	Miller	349
oriya	Typesetting the Oriya script using $\TeX$	Hellingman, Pandey	253
orkhun	A font for orkhun script	Rakhimov	405
os2tex	A distribution of $\TeX$ for OS/2 Warp	Kleinböhl	290
osa	Macros for Optical Society of America Journals, etc	Optical Society of America	380
oscola	Bib $\LaTeX$ style for the Oxford Standard for the Citation of Legal Authorities	Stanley	461
OSDA	Commands for Proceedings of the Workshop on Open-Source Design Automation	Krieg	303
osmanian	Osmanian font for writing Somali	Stanier	460
oststud	Templates for the student organization at OST FH, Switzerland	Pross	400
Oswald	The Oswald family of fonts with support for $\LaTeX$ and pdf $\LaTeX$	Ebinger	202
ot-tableau	Optimality Theory tableaux in $\LaTeX$	Baker	139
ot2cyr	Macros, metrics, etc., to use the OT2 Cyrillic encoding	Rahtz	403
OT2Woff	OpenType to Woff converter	Frane Jr	276
otfinst	Install OpenType fonts for use in $\TeX$ / $\LaTeX$ systems	Owens	381
otftofd	Generate control files for OpenType fonts	Washburn	533
othello	Modification of a Go package to create othello boards	le Comte	185
othelloboard	Typeset Othello (Reversi) diagrams of any size, with annotations	Hall	245
oubraces	Braces over and under a formula	Arseneau	135
oup-authoring-t...	A general template for journals published by Oxford University Press (OUP)	Jones	274
outerhbox	Collect horizontal material for contributing to a paragraph	Fine	214
OutilsGeomTikZ	Some geometric tools, with TikZ	Pierquet	393
outline	List environment for making outlines	Halvorson, Flaxman	245
outliner	Change section levels easily	Eijkhout	204
outlines	Produce "outline" lists	Pecheur	389
outlining	Create outlines for scientific documents	Block	154
oval	Round-cornered framed boxes	Schalück	429
ovalfbox	Boxes with frames whose corners are rounded	Unknown	508
overarrows	Custom extensible arrows over math expressions	Labbé	309
overcite	Compressed lists of superscript numerical citations	Arseneau	136
overlays	Incremental slides	Nolda	368
overlock	Overlock sans fonts with $\LaTeX$ support	Tennent	485
overpic	Combine $\LaTeX$ commands over included graphics	Niepraschk	367
overrightarrow	Doubled "over" arrow	Kilfiger	285
overword	Parse text	Bennett	150
oxford	A BibTeX style geared for use in the humanities	Antman	133
oztex-fonts	Fonts packaged for use in OzTeX	López-Valencia, de Bogotá	326
OzTeX-german	German packaging of OzTeX	Meyer-Lerbs	346
oztex	TeX for the Macintosh	Trevorrow	499
<b>PPPPP</b>			
pacioli	Fonts designed by Fra Luca de Pacioli in 1497	Wilson	540
padauk	A high-quality TrueType font that supports the many diverse languages that use the Myanmar script	Tennent	485
padcount	Pad numbers with arbitrary characters	Goodman	233
pagecolor	Interrogate page color	Münch	356
pagecont	Page numbering that continues between documents	Frasson	221
pagedraw	Drawing program with EPS output	Karunakaran	279
pagefoots	Footnote numbering per page	Schellenberger, Hankerson	432

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pageframe	Page frames, grids, etc., for L <sup>A</sup> T <sub>E</sub> X 2.09	Smith	454
pagegrid	Print page grid in background	Oberdiek	374
pagelayout	Layout graphic rich documents	Bartels	142
pagella-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Pagella	Voß	526
pageno	Page number-only page styles	McDonnell	343
pagenote	Notes at end of document	Robertson, Wilson	416
pagerange	Flexible and configurable page range typesetting	Musa	360
pagereference	Labels and references in Plain T <sub>E</sub> X	Ungar	503
pagesel	Select pages of a document for output	Oberdiek	374
pagesits	Variants of last page labels	Münch	356
palatino-nfss	Select Adobe Palatino as default text font	Rahtz	403
palette	Create palettes for colors and symbols that can be swapped in	Chen	177
palladam	A Tamil font for Macintosh users	Govindaraj	235
pandora-latex	L <sup>A</sup> T <sub>E</sub> X support for the Pandora fonts	Jørgensen	275
pandora-type1	The Pandora font family	McPhee, Billawalla	344
pandora	The Pandora font family	Billawalla	153
pangram	A L <sup>A</sup> T <sub>E</sub> X package for testing fonts	Zhang	555
panneauxroute	Commands to display French road signs (vector graphics)	Pierquet	393
paper	Versions of article class, tuned for scholarly publications	Matiaske	340
papercdcase	Origami-style folding paper CD case	Dussa	201
papermas	Compute the mass of a printed version of a document	Münch	356
papertex	Class for newspapers, etc	Llopis	321
PapierGurvan	Commands to work with Gurvan Paper	Pierquet	393
paracol	Multiple columns with texts “in parallel”	Nakashima	361
parades	Tabulators and space between paragraphs in galley approach	Parashchenko	386
paragraphs	Paragraph “tricks” macros	Unknown	508
paralist	Enumerate and itemize within paragraphs	Schandl	430
parallel	Typeset parallel texts	Eckermann	203
paratype	L <sup>A</sup> T <sub>E</sub> X support for free fonts by ParaType	Farar	211
parboxx	Two extra alignment options for \parbox	Knappen	292
parcolumns	Multiple column parallel typesetting	Sauer	429
paresse	Define simple macros for greek letters	Henel	255
parisa	Parisa family of fonts	Khalighi, bidi-tex GitHub Organisation	283
parnotes	Notes after every paragraph (or elsewhere)	Hughes	265
parrun	Typesets (two) streams of text running parallel	Dominici	196
parsa	A X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X package for theses and dissertations at Iranian Universities	Rasuli	406
parselines	Apply a macro to each line of an environment	Chervet	179
parsimatr	Contemporary Persian font for scientific and formal writings	Kazemi	280
parsinevis	“Scheherazade New” adapted for Persian typesetting and scientific writings	Kazemi	280
parsitex	A localized Persian and bidirectional extension of T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	283
parskip	Layout with zero \parindent, non-zero \parskip	Fairbairns, Partl, Mittelbach	210
pas-cours	Macros useful in preparing teaching material	Pasquet	387
pas-crosswords	Creating crossword grids, using TikZ	Pasquet	387
pas-cv	Flexible typesetting of Curricula Vitae	Pasquet	387
pas-tableur	Create a spreadsheet layout	Pasquet	388
pascaltriangle	Draw beautiful Pascal (Yanghui) triangles	Geng	226
passivetex	Support package for XML/SGML typesetting	Rahtz	403
patch	Patch loaded packages, etc.	Kastrup	279
patchcmd	Change the definition of an existing command	Downes	197
patgen	Generate hyphenation patterns	Liang, Breitenlohner, T <sub>E</sub> XLive, Rokicki	319
patgen2-tutorial	A tutorial on the use of Patgen 2	Haralambous	247

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
path	Typeset paths, making them breakable	Taylor	481
pauldoc	German L <sup>A</sup> T <sub>E</sub> X package documentation	Ebermann	202
pawpict	Using graphics from PAW	Holm Christensen	181
pax	Extract and reinsert PDF annotations with pdfTeX	Oberdiek, Roucariès	377
pb-diagram	A commutative diagram package using LAMSTeX or Xy-pic fonts	Burchard	166
pbalance	Balance last page in two-column mode	Lago	309
pbibtex-base	Bibliography styles and miscellaneous files for pBibTeX	Maeda, Japanese T <sub>E</sub> X Team	335
pbibtex-manual	Documentation files for (u)pBibTeX	Japanese T <sub>E</sub> X Team	271
pbm2tex	Translate PBM format to L <sup>A</sup> T <sub>E</sub> X	Barth	142
pbmtogf	Convert PBM images to GF font files	Wong	543
PBMtoPK	Conversion between PBM and PK formats	Duggan	200
pbox	A variable-width \parbox command	Law	313
pbsheet	Problem sheet class	Chafaï	176
pcarl	L <sup>A</sup> T <sub>E</sub> X Support for Adobe Caslon Open Face	Veytsman	520
pcfonts	Hebrew fonts for use on DOS PCs	Porrat	398
pcinfss	Font support for current PCL printers	Harcke	247
pdbf-toolkit	A Toolkit for Creating Janiform Data Documents	Bender	150
pdcmac	Damian Cugley's document tools	Cugley	188
pdf-forms-tutorial	Tutorial on creating PDF forms using pdfLaTeX	Krause	302
pdf-mps-supp	PDF MetaPost graphics support bundle	Hagen	244
pdf-trans	A set of macros for various transformations of T <sub>E</sub> X boxes	Jackowski	270
pdf14	Restore PDF 1.4 to a T <sub>E</sub> X live 2010 format	Pégourié-Gonnard	389
pdfarticle	Class for pdf publications	Paciorek	382
pdfbook	Rearrange pages of a PDF file for booklet printing	Eldering, Buchert, Aivazian	205
pdfbook2	Create booklets from PDF files	Neumann	363
pdfcol	Macros for maintaining colour stacks under pdfTeX	Oberdiek	374
pdfcolfoot	Separate color stack for footnotes with pdfTeX	Oberdiek	374
pdfcolmk	Improved colour support under pdfTeX (legacy stub)	Oberdiek	374
pdfcolparallel	Fix colour problems in package 'parallel'	Oberdiek	374
pdfcolparcolumns	Fix colour problems in package 'parcolumns'	Oberdiek	374
pdfcomment	A user-friendly interface to pdf annotations	Kleber	288
pdfcprot	Activating and setting of character protruding using pdfLaTeX	Schurig, Schlemmer,	440
		Hughes	
pdfcrop	Crop PDF graphics	Oberdiek	374
pdfcrypt	Allows the setting of pdf encryption	Oberdiek	374
pdfescape	Implements pdfTeX's escape features using T <sub>E</sub> X or e-TeX	Oberdiek	374
pdfextra	Extra PDF features for (Op)TeX	Vlasák	523
pdfjam	Shell scripts interfacing to pdfpages	Firth, Thomas	215
pdfflatexpicscale	Support software for downscaling graphics to be included by pdfLaTeX	Willadt	538
pdfscape	Make landscape pages display as landscape	Oberdiek	375
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	492
pdfmarginpar	Generate marginpar-equivalent PDF annotations	Feuersänger	213
pdfMsym	PDF Math Symbols — various drawn mathematical symbols	Unknown	509
pdfoverlay	A L <sup>A</sup> T <sub>E</sub> X style for overlaying text on a PDF	Purton	400
pdfpagediff	Find difference between two PDF's	Radhakrishnan	402
pdfpages	Include PDF documents in L <sup>A</sup> T <sub>E</sub> X	Matthias	341
pdfpc-movie	Pdfpc viewer-compatible hyperlinks to movies	Friedl	222
pdfpc	Define data for the pdfpc presentation viewer	Stambulchik	460
pdfprivacy	A L <sup>A</sup> T <sub>E</sub> X package to remove or suppress pdf meta-data	Sion	452
PDFrack	Use psfrag with pdfLaTeX	Boyer	160
pdfrender	Control rendering parameters	Oberdiek	375
pdfreview	Annotate PDF files with margin notes	Palmer	385
pdfscreen	Support screen-based document design	Radhakrishnan	402
pdfslide	Presentation slides using pdfTeX	Radhakrishnan	402

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pdfsync	Provide links between source and PDF	Laurens	312
pdftex-def	Colour and Graphics support for pdfTeX	Carlisle, Rahtz, Hagen, Schröder, Oberdiek	173
pdftex-djgpp	An msdos-djgpp binary of the pdfTeX engine	Rivera	412
pdftex-oztex	pdfTeX designed to run with OzTeX	Kiffe	285
pdftex-quiet	A bash wrapper for pdfTeX limiting its output to relevant errors	Kozlovský	302
pdftex	A T <sub>E</sub> X extension for direct creation of PDF	Thành, The pdfTeX Team, T <sub>E</sub> XLive	487
pdftexcmds	LuaTeX support for pdfTeX utility functions	Oberdiek	375
pdftricks	Support for PSTricks in pdfTeX	Radhakrishnan, Rajagopal	402
pdftricks2	Use PSTricks in pdfTeX	Reibiger	408
pdfx	PDF/X and PDF/A support for pdfTeX, LuaTeX and XeTeX	Radhakrishnan, Thành, Selinger, Moore	402
pdfxup	Create n-up PDF pages with minimal margins	Markey	338
Pecha	Print Tibetan text in the classic pecha layout style	Jäger	270
pedigree-perl	Generate T <sub>E</sub> X pedigree files from CSV files	Veytsman, Akhmadeeva	520
penlight	Penlight Lua libraries made available to LuaL <sup>A</sup> T <sub>E</sub> X users	Ewasiuk	208
penlightplus	Additions to the Penlight Lua libraries	Ewasiuk	208
penrose	A TikZ library for producing Penrose tilings	Stacey	459
perception	BibTeX style for the journal Perception	Singer	452
perfectcut	Nested delimiters that consistently grow regardless of the contents	Munch-Maccagnoni	357
perltx	Define L <sup>A</sup> T <sub>E</sub> X macros in terms of Perl code	Pakin	384
permute	Support for symmetric groups	Heinz	252
perpage	Make a counter reset at every page boundary	Kastrup	279
persian-bib	Persian translations of classic BibTeX styles	Amintoosi	132
petiteannonce	A class for small advertisements	Belaïche	149
Petri-nets	A set T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X packages for drawing Petri nets	Pommereau	397
pf2afm	AFM generator for Adobe Type 1 fonts	BOP	156
pfarrei	L <sup>A</sup> T <sub>E</sub> X support of pastors' and priests' work	Kohm	298
pficons	Draw process flow diagrams in chemical engineering	Drews	198
pfm2afm	Convert PFM files to AFM, and vice versa	Lang	311
pfnote	Number footnotes per page	Nakashima	361
pgf-blur	PGF/TikZ package for "blurred" shadows	Preining, Giese, Stacey	399
pgf-cmykshadings	Support for CMYK and grayscale shadings in PGF/TikZ	Purton	400
pgf-interference	Drawing interference patterns with PGF/TikZ	Wehr	535
pgf-PeriodicTable	Create custom periodic tables of elements	Gomes	232
pgf-pie	Draw pie charts, using PGF	The PGF/TikZ Team, Yuan	489
pgf-soroban	Create images of the soroban using TikZ/PGF	Delmotte	192
pgf-spectra	Draw continuous or discrete spectra using PGF/TikZ	Gomes	232
pgf-umlcd	Some L <sup>A</sup> T <sub>E</sub> X macros for UML Class Diagrams	Yuan, The PGF/TikZ Team	551
pgf-umlsd	Draw UML Sequence Diagrams	The PGF/TikZ Team, Yuan	489
pgf	Create PostScript and PDF graphics in T <sub>E</sub> X	The PGF/TikZ Team, Tantau, Feuersänger, Menke	489
pgfgantt	Draw Gantt charts with TikZ	Skala	453
pgfkeys	Key value control for PGF	Tantau	479
pgfkeyx	Extended and more robust version of pgfkeys	Musa	360
pgfmath-xfp	Define pgfmath functions using xfp	Spratte	459
pgfmolbio	Draw graphs typically found in molecular biology texts	Skala	453
pgfmorepages	Assemble multiple logical pages onto a physical page	Stacey	459
pgfopts	L <sup>A</sup> T <sub>E</sub> X package options with pgfkeys	Wright	544
pgfornament-han	pgfornament library for Chinese traditional motifs and patterns	Lim	319
pgfornament	Drawing of Vectorian ornaments with PGF/TikZ	Matthes	340
pgfplots	Create normal/logarithmic plots in two and three dimensions	Feuersänger	213
pgfplotstable	Loads, rounds, formats and postprocesses numerical tables	Feuersänger	213
pgothic	Fonts based on the Gothic Textura Presciscus manuscript book-hand	Wilson	540



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
phaistos	Disk of Phaistos font	Syropoulos	472
phfcc	Convenient inline commenting in collaborative documents	Faist	210
phfextendedabst...	Typeset extended abstracts for conferences, such as often encountered in quantum information theory	Faist	210
phffullpagefigure	Figures which fill up a whole page	Faist	210
phfnote	Basic formatting for short documents	Faist	210
phfparen	Parenthetic math expressions made simpler and less redundant	Faist	210
phfqit	Macros for typesetting Quantum Information Theory	Faist	210
phfquotetext	Quote verbatim text without white space formatting	Faist	210
phfsvnwatermark	Watermarks with version control information from SVN	Faist	210
phfthm	Goodies for theorems and proofs	Faist	210
philex	Cross references for named and numbered environments	Pagin	382
philokalia	A font to typeset the Philokalia Books	Syropoulos, Gamvetas	473
philosophersimp...	Typesetting articles for "Philosophers' Imprint"	Veytsman	520
phoenician	Fonts for the Phoenician script in use from about 1600 BC	Wilson	540
phoncard	Format telephone number lists	Greening	238
phonenumbers	Typesetting telephone numbers with L <sup>A</sup> T <sub>E</sub> X	Wehr	535
phonetic	Metafont Phonetic fonts, based on Computer Modern	Pease	388
phonrule	Typeset linear phonological rules	Coretta	185
photo	A float environment for photographs	Kuhlmann	305
photobook	A document class for typesetting photo books	Naanou	360
phy-bstyles	A collection of BibT <sub>E</sub> X styles for physics journals	Karney, Bode	278
physconst	Macros for commonly used physical constants	Mulligan	356
physe	The PHYSE format	Breitenlohner	161
physics	Macros supporting the Mathematics of Physics	de la Barrera	141
physics2	Macros for typesetting maths faster and more simply	Zhang	555
physunits	Macros for commonly used physical units	Mulligan	356
physymb	Assorted macros for Physicists	Zaslavsky	554
phyzzx	A T <sub>E</sub> X format for physicists	Kaplunovsky	278
pi	Calculate pi	Roegel	417
piano	Typeset a basic 2-octave piano diagram	Daneault	190
picinpar	Insert pictures into paragraphs	Sowa, Blochwitz	457
picins	Insert pictures into paragraphs	Bleser	154
picmac	A picture mode in Plain T <sub>E</sub> X	Knuth	295
pict2e	New implementation of picture commands	Gäßlein, Niepraschk, Tkadlec	225
pictex-autoarea	Automatic computation of bounding boxes with PiC <sub>T</sub> E <sub>X</sub>	Lück	329
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	537
pictex2	Adds relative coordinates and improves the \plot command	Park	386
PicT <sub>E</sub> Xsum	A summary of PicT <sub>E</sub> X commands	Duggan	200
pictexwd	A patched version of PicT <sub>E</sub> X using fewer registers	Schrell	437
picture	Dimens for picture macros	Oberdiek	375
piechart	Simple pie-charts with PSTricks	Girou	229
piechartmp	Draw pie-charts using MetaPost	Morawski	354
piff-ams	Early macros for using AMS fonts	Piff	394
piff	Macro tools by Mike Piff	Piff, Carlisle	394
pifont	Access to PostScript standard Symbol and Dingbats fonts	Schmidt, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	435
pigpen	A font for the pigpen (or masonic) cipher	Corff	185
pinlabel	A T <sub>E</sub> X labelling package	Rourke	423
pinouTikZ	Draw chip pinouts with TikZ	Blazek	154
pitex	Documentation macros	Isambert, Robbers	268
piton	Typeset Python listings with LPEG	Pantigny	386
pittetd	Electronic Theses and Dissertations at Pitt	Garcia-De Castro, Fudrow	175
pitthesis	Document class for University of Pittsburgh theses	Kim	286
pixelart	Draw pixel-art pictures	Paternault	388

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
PixelArtTikz	Work with PixelArts, with TikZ	Pierquet	393
pkbbox	Derive glyph bounding boxes by building PK file	Walsh	532
pkfind	A ‘find’ command which understands pk files	Vojta	523
pkfix-helper	Make PostScript files accessible to pkfix	Pakin	384
pkfix	Replace pk fonts in PostScript with Type 1 fonts	Oberdiek	375
pkgcheck	CTAN package checker	Lotz	327
pkgloader	Manage the options and loading order of other packages	Helvensteijn	253
pkuthss	L <sup>A</sup> T <sub>E</sub> X template for dissertations in Peking University	Vector	516
pkware	Utility programs for use with PK bitmap fonts	Rokicki, T <sub>E</sub> XLive	419
pl-mf	Polish extension of Computer Modern fonts	Jackowski, Ryćko	270
pl	Literate Programming for Prolog with L <sup>A</sup> T <sub>E</sub> X	Neugebauer	363
placeat	Absolute content positioning	Trautmann	499
placeins-plain	Insertions that keep their place	Arseneau	136
placeins	Control float placement	Arseneau	136
plain-cm	Variable sized fonts in Plain T <sub>E</sub> X	Brotsky, Horn	163
plain-ltx	Make plain T <sub>E</sub> X files L <sup>A</sup> T <sub>E</sub> Xable	Carlisle	171
plain	The Plain T <sub>E</sub> X format	Knuth	295
plainmisc	Miscellaneous contributed macros for plain T <sub>E</sub> X	Unknown	509
plainpkg	A minimal method for making generic packages	Lück	329
plainyr	Plain bibliography style, sorted by year first	Perrone	391
plantslabels	Write labels for plants	Merciadri	346
plantuml	Support for rendering UML diagrams using PlantUML	Kopp	300
plari	Typesetting stageplay scripts	Kaijanaho	277
plates	Arrange for “plates” sections of documents	Tanbakuchi	479
platex-tools	pL <sup>A</sup> T <sub>E</sub> X standard tools bundle	Yamashita	548
platex	pLaTeX2e and miscellaneous macros for pT <sub>E</sub> X	Maeda, Japanese T <sub>E</sub> X Team	335
platexcheat	A L <sup>A</sup> T <sub>E</sub> X cheat sheet, in Japanese	Asakura	137
plautopatch	Automated patches for pLaTeX/upLaTeX	Yamashita	548
play-font	The Play font face with support for L <sup>A</sup> T <sub>E</sub> X and pdfLaTeX	Ebinger	202
play	Typeset drama using L <sup>A</sup> T <sub>E</sub> X	Kilfiger	285
playcards	A simple template for drawing playcards	Page's	382
playfair	Playfair Display fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	485
plcalendar	Plain macros for making nice calendars	Unknown	509
plex-otf	Support for the OpenType font IBM Plex	Voß	526
plex	Support for IBM Plex fonts	Tennent	485
plfonts	Polish extension to Computer Modern fonts	Unknown	509
plhyph	Hyphenation for Polish	Kołodziejska, Jackowski, Ryćko	300
plimsoll	Fonts with the Plimsoll symbol and L <sup>A</sup> T <sub>E</sub> X support	Jørgensen	275
plipsum	‘Lorem ipsum’ for Plain T <sub>E</sub> X developers	Spina	457
plnfss	Font selection for Plain T <sub>E</sub> X	Thành, Konecny, Kotucha	487
plpsfont	Polish extension of CM fonts in Type 1 format	Nowacki	369
plstmary	St. Mary’s Road font support for plain T <sub>E</sub> X	Luecking	330
pm-isomath	Poor man ISO math for pdfL <sup>A</sup> T <sub>E</sub> X users	Beccari	146
pmat	Typeset partitioned matrices	Oliveira e Silva	451
pmboxdraw	Poor man’s box drawing characters	Oberdiek	375
pmcstex	L <sup>A</sup> T <sub>E</sub> X in emTeX IDE/FrontEnd for EPM	Mikulik	347
pmdb	Create a DB (PDF) document for selecting content for inclusion in another documents	Story	466
pmdbl	Examples from “Praca magisterska i dyplomowa”	Przechlewski	400
pmdraw	Draw elements of the partition monoids	Fresacher	221
pmgraph	“Poor man’s” graphics	Berdnikov, Grineva	150
pmhanguljamo	Poor man’s Hangul Jamo input method	Kim	286
pmtex	Preprocessor for MusicTeX	Simons	452
pmx	Preprocessor for MusiXTeX	Simons, Tennent	452

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pmxchords	Produce chord information to go with pmx output	Fafejta	208
PNAS	BibTeX style for PNAS (old version)	Rogers	419
PNAS 2009	BibTeX style for PNAS (newer version)	Rogers	419
png2pdf	PNG to PDF converter	Krause	302
poemscol	Typesetting Critical Editions of Poetry	Burt	168
poetica	Support for Adobe Poetica fonts in Type 1 format	Hoenig	259
poetry	Facilities for typesetting poetry and poetical structure	Goodman	233
poetrytex	Typeset anthologies of poetry	Whited	537
pointruler	12" Ruler containing Points and Inches	Henderson	254
poiretone	PoiretOne family of fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	485
polexpr	A parser for polynomial expressions	Burnol	167
poligraf	A T <sub>E</sub> X macro package for prepress	Nowacki	370
polski	Typeset Polish documents with L <sup>A</sup> T <sub>E</sub> X and Polish fonts	Olko, Woliński	378
polowski	Antykwa Półtawskiego Family of Fonts	Jackowski, Nowacki	268
polyglossia	An alternative to babel for X <sub>Y</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Charette, Rosendahl, Spitzmüller	176
polyhedra	A TikZ package for drawing polyhedra	Zafeirakopoulos	552
polynom	Macros for manipulating polynomials	Heinz, Adriaens	252
polynomial	Typeset (univariate) polynomials	Höst	264
polytable	Tabular-like environments with named columns	Löh	321
poorman	Raster Chinese and Japanese fonts	Ridgeway	411
poormanlog	Logarithms and powers with (almost) 9 digits	Burnol	167
popupmenu	Create popup menus in PDF files	Story	466
Portable MikTeX	Instructions for setting up MikTeX on a portable device	Grahn	235
portland	Simple portrait/landscape switching	Partl	387
pos-at	Position things at absolute positions on the page	Hogben, Gaulle	261
postage	Stamp letters with »Deutsche Post«'s service »Internetmarke«	Reimer	408
postcards	Facilitates mass-mailing of postcards (junkmail)	Kleb	287
poster-mac	Make posters and banners with T <sub>E</sub> X	Van Zandt	553
poster	Scale PostScript images for larger media or tiling	van Eijndhoven	204
postit	A L <sup>A</sup> T <sub>E</sub> X package for displaying Post-it notes	Pierquet	393
postnotes	Endnotes for L <sup>A</sup> T <sub>E</sub> X	Barros	141
powerdot-fuberlin	Powerdot, using the style of FU Berlin	Voß	526
powerdot-tuliplab	A style package for Powerdot to provide the design of TULIP Lab	Li	318
powerdot	A presentation class	Adriaens, Ellison	130
ppchtex	Typeset chemical formula diagrams	Hagen	244
pphlp	Generate VMS help files from L <sup>A</sup> T <sub>E</sub> X 2.09 source	Gray	237
ppower4	A postprocessor for PDF presentations	Guntermann	242
ppr-prv	Prosper preview	Goutelle	235
ppt-slides	Good-looking slide decks à la PowerPoint (PPT)	Bugayenko	166
pracjourn	Typeset articles for PracTeX	Robertson	413
practical-latex	Example files for "Practical L <sup>A</sup> T <sub>E</sub> X"	Grätzer	237
practicalreports	Some macros for writing practical reports	Cawood	175
precattl	Prepare special catcodes from token list	user202729	513
prelim	Mark preliminary copies with a line of information	Tolksdorf	497
prelim2e	Allows the marking of preliminary versions of a document	Schröder, Peischl	439
prepr	Preprint macros	Calvani	169
preprint	A bundle of packages provided "as is"	Daly	189
prerex	Interactive editor and macro support for prerequisite charts	Tennent	485
present	Presentations with Plain T <sub>E</sub> X	Meister	345
presentations-en	Examples from the book Presentations with L <sup>A</sup> T <sub>E</sub> X	Voß	526
presentations	Examples from the book Presentationen mit L <sup>A</sup> T <sub>E</sub> X	Voß	526
pressrelease	A class for typesetting press releases	Talbot	478
prettyref	Make label references "self-identify"	Ruland	426
prettytok	Pretty-print token lists	user202729	513

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
preview-latex	Preview equations in Emacs	Kastrup	279
preview	Extract bits of a L <sup>A</sup> T <sub>E</sub> X source for output	Kastrup, The AUCTeX Team	280
prftree	Macros for building proof trees	Benini	150
principia	Notations for typesetting the “Principia Mathematica”	Elkind	205
printbib	Print the contents of a bibliography	Unknown	509
printlen	Print lengths using specified units	Robertson, Wilson, Harders	416
proba	Shortcuts commands to symbols used in probability texts	Nguyen-Ngoc	364
probsoln	Generate problem sheets and their solution sheets	Talbot	478
proc	Class for producing “proceedings”	L <sup>A</sup> T <sub>E</sub> X Team	492
processkv	Process key-value pairs	Sauer	429
procIAGssymp	Macros for IAG symposium papers	Benciolini	149
prodint	A font that provides the product integral symbol	Gill, Loredó-Osti	229
productbox	Typeset a three-dimensional product box	Neugebauer	363
ProfCollege	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in college	Poulain	399
proflabo	Draw laboratory equipment	Mounier	355
ProfLycee	A L <sup>A</sup> T <sub>E</sub> X package for French maths teachers in high school	Pierquet	393
profmaquette	Use exercises in different types of documents	Poulain	399
profsio	Commands (with TikZ) to work with French “BTS SIO” maths themes	Pierquet	393
progkeys	Typeset programs, recognising keywords	Alabau	130
program	Typesetting programs and algorithms	Ward	533
progress	Creates an overview of a document’s state	Graversen	237
progressbar	Visualize shares of total amounts in the form of a (progress-)bar	Jira	273
ProjLib	A collection of facilitative tools	XU	547
proof-at-the-end	A package to move proofs to appendix	Colisson	184
proof	Shell based proofing for T <sub>E</sub> X-related files	Bosau	157
proofread	Commands for inserting annotations	Dekker	192
proofs	Macros for building proof trees	Taylor	480
prooftrees	Forest-based proof trees (symbolic logic)	Rees	407
properties	Load properties from a file	Niedermair	366
proposal	A set of L <sup>A</sup> T <sub>E</sub> X classes for preparing proposals for collaborative projects	Kohlhase	297
prosper	L <sup>A</sup> T <sub>E</sub> X class for high quality slides	Goualard	234
protecteddef	Define protected commands	Oberdiek	375
protex	Literate programming package	The TeX4ht Team, Gurari	487
protext	A MikTeX-based T <sub>E</sub> X installation for MS-Windows	Feuerstack	213
protocol	A class for minutes of meetings	Leineweber	316
protosem	Fonts for proto-Semitic cuneiform script	Wilson	541
prtec	A template for PRTEC conference papers	Lienhard	319
prv	Compile, preview, and print L <sup>A</sup> T <sub>E</sub> X documents	Dekker	192
przechlewski-book	Examples from Przechlewski’s L <sup>A</sup> T <sub>E</sub> X book	Przechlewski	400
ps2eps	Produce Encapsulated PostScript from PostScript	Bless	154
ps2mf	Make Metafont files from Adobe Type 1 files	Vens	516
ps2pk	Generate a PK font from an Adobe Type 1 font	Tutelaers, MacKay, T <sub>E</sub> XLive	502
ps4mf-dos	Convert Adobe Type 1 fonts to Metafont, MS-DOS version	Neteler	362
ps4mf	Convert Adobe Type 1 fonts to Metafont	Neteler	362
ps4pdf	Use PostScript commands inside a pdfL <sup>A</sup> T <sub>E</sub> X document	Niepraschk	367
ps_conv	A converter from PostScript to Encapsulated PostScript	BOP	156
ps_view	A PostScript previewer of PostScript files	BOP	156
psbao	Draw Bao diagrams	Vessella	518
psbox	PostScript box macros, etc	Orloff	380
psboxit	Enables one to put a PostScript drawing behind a T <sub>E</sub> X box	Maillot	336
pseudo	Straightforward pseudocode	Hetland	257
pseudocode	L <sup>A</sup> T <sub>E</sub> X environment for specifying algorithms in a natural way	Kreher	302
psfig	A graphics inclusion package	Darrell	191
psfixbb	Correct the bounding box of a PostScript file	Dominik, Karl	196

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
psfont	Alternative font handling in L <sup>A</sup> T <sub>E</sub> X	Kirsch	287
psfonts-tools	Tools for creating a distribution of font metrics	Rahtz, Tutelaers	404
psfonts	PostScript fonts for use with T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Unknown	509
Il sistema PSfrag	PSfrag documentation in Italian	Chiesa	180
psfrag	Replace strings in encapsulated PostScript figures	Grant, Carlisle, Barratt	236
psfragger	Use psfrag and L <sup>A</sup> T <sub>E</sub> X to label an eps file	Cermelj	176
psfragx	A psfrag eXtension	Kockaert	296
psgo	Typeset go diagrams with PSTricks	Bos	157
psgreek	L <sup>A</sup> T <sub>E</sub> X support for Greek Type 1 fonts	Kryukov, Justen	305
psizzl	A T <sub>E</sub> X format for physics papers	Ogawa	377
pslatex	Use PostScript fonts by default	Carlisle	171
psmerge	Concatenate PostScript files	Duggan	200
psnfss-source	Sources of the metrics used in PSNFSS	Schmidt, Harcombe	434
psnfss	Font support for common PostScript fonts	Schmidt, Harcombe, L <sup>A</sup> T <sub>E</sub> X Team, Rahtz	435
psnfssx-8r	Raw Type 1 fonts with L <sup>A</sup> T <sub>E</sub> X	Unknown	509
psnfssx-adobe	Packages to use a selection of Adobe Type 1 fonts	Rahtz	403
psnfssx-em	Support for the em family of fonts	Horn, Carlisle	262
psnfssx	Extra styles and encodings for PostScript fonts	Schmidt, Harcombe, Rahtz	435
pspic	Drawing pictures using PostScript specials	Thorup	495
pspicture	PostScript picture support	Carlisle	171
psrip	Extract images from PostScript files	Lackas	309
pssplit	Select pages from PostScript files	Kleiweg	290
pst-2dplot	A PSTricks package for drawing 2D curves	Delgosha	192
pst-3d	A PSTricks package for tilting and other pseudo-3D tricks	Van Zandt, Voß	553
pst-3dplot	Draw 3D objects in parallel projection, using PSTricks	Voß	526
pst-abspos	Put objects at an absolute position	Voß	526
pst-am	Simulation of modulation and demodulation	Luque, Voß	332
pst-antiprism	A PSTricks related package which draws an antiprism	Voß, Luque	529
pst-arrow	Special arrows for PSTricks	Voß	526
pst-asr	Typeset autosegmental representations for linguists	Frampton	220
pst-bar	Produces bar charts using PSTricks	Ristow, Voß	411
pst-barcode	Print barcodes using PostScript	Burton, Voß	168
pst-bezier	Draw Bezier curves	Nähring, Voß	361
pst-blur	PSTricks package for "blurred" shadows	Giese, Voß	228
pst-bspline	Draw cubic Bspline curves and interpolations	Sharpe	446
pst-calculate	Support for floating point operations at L <sup>A</sup> T <sub>E</sub> X level	Voß	527
pst-calendar	Plot calendars in "fancy" ways	Luque, Voß	332
pst-cie	CIE color space	Luque, Voß	332
pst-circ	PSTricks package for drawing electric circuits	Voß, Jorssen	529
pst-coil	A PSTricks package for coils, etc	Voß, Van Zandt	529
pst-contourplot	Draw implicit functions using the "marching squares" algorithm	Luque	332
pst-cox	Drawing regular complex polytopes with PSTricks	Luque	332
pst-dart	Plotting dart boards	Voß	527
pst-dbicons	Support for drawing ER diagrams	May	341
pst-diffraction	Print diffraction patterns from various apertures	Luque, Voß	332
pst-electricfield	Draw electric field and equipotential lines with PSTricks	Gilg, Luque, Megrét, Voß	229
pst-eps	Create EPS files from PSTricks figures	Voß, Van Zandt	529
pst-eucl-transl...	Bulgarian translation of the pst-eucl documentation	Karakoleva	278
pst-eucl	Euclidian geometry with PSTricks	Rodriguez, Voß	417
pst-exa	Typeset PSTricks examples, with code	Voß	527
pst-feyn	Draw graphical elements for Feynman diagrams	Voß	527
pst-fill	Fill or tile areas with PSTricks	Girou, Voß	230
pst-fit	Macros for curve fitting	Ledger, Voß	313
PST-Flags	Draw flags of countries using PSTricks	Manthanwar	337



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-fp	Fixed-point arithmetic in PSTricks	Voß	527
pst-fr3d	Draw 3-dimensional framed boxes using PSTricks	Girou	229
pst-fractal	Draw fractal sets using PSTricks	Voß	527
pst-fun	Draw "funny" objects with PSTricks	Luque, Voß	332
pst-func	PSTricks package for plotting mathematical functions	Voß	527
pst-gantt	Draw GANTT charts with PSTricks	Girou, Voß	230
pst-geo	Geographical Projections	Luque, Matarazzo, Voß	332
pst-geometrictools	A PSTricks package to draw geometric tools	Söll, Voß	455
pst-gr3d	Three dimensional grids with PSTricks	Girou, Voß	230
pst-grad	Filling with colour gradients, using PSTricks	Voß, Van Zandt	529
pst-graphicx	A PSTricks-compatible graphicx for use with Plain $\TeX$	Voß	527
pst-hsb	Curves with continuous colours	Voß	527
pst-infixplot	Using PSTricks plotting capacities with infix expressions rather than RPN	Jorssen, Charpentier	276
pst-intersect	Compute intersections of arbitrary curves	Bersch	152
pst-Jtree	Typeset complex trees for linguists	Frampton	220
pst-knot	PSTricks package for displaying knots	Voß	527
pst-labo	Draw objects for Chemistry laboratories	Girou, Jorssen, Luque, Voß	229
pst-layout	Page layout macros based on PSTricks packages	Sharpe	446
pst-lens	Lenses with PSTricks	Luque, Girou, Voß	332
pst-light3d	Three dimensional lighting effects (PSTricks)	Girou, Kleiweg	230
pst-lsystem	Create images based on a L-system	Voß	527
pst-magneticfield	Plotting a magnetic field with PSTricks	Gilg, Luque, Voß	229
pst-marble	A PSTricks package to draw marble-like patterns	Gilg, Luque, Jaffer	229
pst-math	Enhancement of PostScript math operators to use with PSTricks	Jorssen, Voß	276
pst-mirror	Images on a spherical mirror	Luque, Voß	332
pst-moire	A PSTricks package to draw moiré patterns	Gilg, Luque, Sarlat	229
pst-node	Nodes and node connections in PSTricks	Van Zandt, Sharpe, Voß	553
pst-ob3d	Three dimensional objects using PSTricks	Girou, Voß	230
pst-ode	Solving initial value problems for sets of Ordinary Differential Equations	Grahn	235
pst-optexp	Drawing optical experimental setups	Bersch	152
pst-optic	Drawing optics diagrams	Luque, Voß	332
pst-osci	Oscgones with PSTricks	Luque, Jorssen	332
pst-ovl	Create and manage graphical overlays	Van Zandt, Voß	553
pst-pad	Draw simple attachment systems with PSTricks	Drechsler	198
pst-pdf	Make PDF versions of graphics by processing between runs	Niepraschk, Gäßlein	367
pst-pdgr	Draw medical pedigrees using PSTricks	Veytsman, Akhmadeeva	520
pst-perspective	Draw perspective views using PSTricks	Söll	455
pst-platon	Platonic solids in PSTricks	Luque, Voß	332
pst-plot	Plot data using PSTricks	Van Zandt, Voß	553
pst-poker	Drawing poker cards	Voß	527
pst-poly	Polygons with PSTricks	Girou, Voß	230
pst-pulley	Plot pulleys, using PSTricks	Söll	455
pst-qtree	Simple syntax for trees	Chiang, Gildea	180
pst-rputover	Place text over objects without obscuring background colors	Söll, Osborne	455
pst-rubans	Draw three-dimensional ribbons	Luque, Voß	333
pst-shell	Plotting sea shells	Voß, Luque	529
pst-sigsys	Support of signal processing-related disciplines	Delgosha	192
pst-slpe	Sophisticated colour gradients	Giese, Voß	228
pst-solarsystem	Plot the solar system for a specific date	Luque, Voß	333
pst-solides3d	Draw perspective views of 3D solids	Vignault, Luque, Schmittbuhl, Voß	521
pst-soroban	Draw a Soroban using PSTricks	Delmotte	192
pst-spectra	Draw continuum, emission and absorption spectra with PSTricks	Schmittbuhl	436

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
pst-spinner	Drawing a fidget spinner	Voß, Luque	529
pst-spirograph	Drawing hypotrochoids as with a spirograph	Luque, Voß	333
pst-stru	Civil engineering diagrams, using PSTricks	Matarazzo, Luque, Voß	339
pst-support	Assorted support files for use with PSTricks	Voß	527
pst-text	Text and character manipulation in PSTricks	Voß, Van Zandt	529
pst-thick	Drawing very thick lines and curves	Luque, Voß	333
pst-tools	PSTricks support functions	Voß	527
pst-tree	Trees, using PSTricks	Voß, Girou, Van Zandt	528
pst-turtle	Commands for “turtle operations”	Voß	527
pst-tvz	Draw trees with more than one root node, using PSTricks	Van Zandt, Voß	553
pst-uml	UML diagrams with PSTricks	Diamantini	194
pst-vectorian	Printing ornaments	Fradin	220
pst-vehicle	A PSTricks package for rolling vehicles on graphs of mathematical functions	Söll, Voß	455
pst-venn	A PSTricks package for drawing Venn sets	Voß	527
pst-vowel	Enable arrows showing diphthongs on vowel charts	Munn	358
pst-vue3d	Draw perspective views of three dimensional objects	Luque, Voß	333
pst-xkey	Key-value syntax for PSTricks packages	Adriaens	129
pst2pdf	A script to compile PSTricks documents via pdfTeX	Voß, González Luengo	529
psdoc	A tool for PSTricks documentation	Sharpe	446
pstex	Processor for including figures in L <sup>A</sup> T <sub>E</sub> X	Hunt	265
psdoedit	Translate PostScript and PDF to other formats	Glunz	231
psdtool	Support for psfrag within pdfLaTeX	Robertson, Prime	414
psdtext	Extract ASCII from PostScript and PDF	Birrell, McJones	153
pstrees	Construct linguistics trees using a preprocessor	Sternefeld	463
psricks-add	A collection of add-ons and bugfixes for PSTricks	Voß, Rodriguez	529
psricks-base	PostScript macros for T <sub>E</sub> X	Voß, Girou, Van Zandt	528
psricks-calcnotes	Use of PSTricks in calculus lecture notes	Quan	401
psricks-exampl...	PSTricks examples files of the 7th edition of the book PSTricks	Voß	528
psricks-exampl...	Examples from PSTricks book (English edition)	Voß	528
psricks-examples	PSTricks examples	Voß	527
pstring	Typeset sequences with justification pointers	Blum	154
psu-thesis	Package for writing a thesis at Penn State University	Floros	218
psutils	PostScript utilities	Duggan	200
ptex-base	Plain T <sub>E</sub> X format for pTeX and e-pTeX	Japanese T <sub>E</sub> X Team, Maeda	272
ptex-fontmaps	Font maps and configuration tools for Japanese/Chinese/Korean fonts with (u)ptex	Japanese T <sub>E</sub> X Team	271
ptex-fonts	Fonts for use with pTeX	Japanese T <sub>E</sub> X Team, Maeda	272
ptex-manual	Japanese pTeX manual	Japanese T <sub>E</sub> X Team	271
ptex-texmf	Macro and other extensions for use with PTeX	Japanese T <sub>E</sub> X Team	271
ptex	A T <sub>E</sub> X system for publishing in Japanese	Japanese T <sub>E</sub> X Team	271
ptex2pdf	Convert Japanese T <sub>E</sub> X documents to PDF	Japanese T <sub>E</sub> X Team	271
ptext	A ‘lipsum’ for Persian	Damanafshan	190
pthyphs	Hyphenation Patterns for Portuguese	de Rezende	410
ptlatexcommands	L <sup>A</sup> T <sub>E</sub> X to commands in Portuguese	Pereira de Morais Junior	353
ptmsc	Addon to the newtx package	Sharpe	447
ptolemaicastronomy	Diagrams of sphere models for variably strict conditionals (Lewis counterfactuals)	Zach	552
ptptex	Macros for ‘Progress of Theoretical Physics’	Tomonaga, Yukawa	498
ptsans	PT Sans font and L <sup>A</sup> T <sub>E</sub> X support	Farar	211
ptserif	PT Serif font and L <sup>A</sup> T <sub>E</sub> X support	Farar	211
Punk-L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X support for punk fonts	Jørgensen	275
punk	Donald Knuth’s punk font	Knuth, Grover	295
punknova	OpenType version of Knuth’s Punk font	Hosny, Knuth	263
purifyeps	Make EPS work with both L <sup>A</sup> T <sub>E</sub> X/dvips and pdfLaTeX	Pakin	384

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
PuyoTikZ	Quickly typeset board states of Puyo Puyo games	Osborne	381
pwebmac	Consolidated WEB macros for DVI and PDF output	Scherer	432
PWT	An outline of publishing with T <sub>E</sub> X	van der Laan	308
pxbase	Tools for use with (u)pLaTeX	Yato	550
pxchfon	Japanese font setup for pLaTeX and upLaTeX	Yato	550
pxcjkcat	L <sup>A</sup> T <sub>E</sub> X interface for the CJK category codes of upTeX	Yato	550
pxfonts	Palatino-like fonts in support of mathematics	Ryu	427
pxgreek	Shape selection for PX fonts Greek letters	Burnol	167
pxjahyper	Hyperref support for pLaTeX	Yato	550
pxjodel	Help change metrics of fonts from japanese-otf	Yato	550
pxpgfmark	e-pTeX driver for PGF inter-picture connections	Yato	550
pxpic	Draw pixel pictures	Spratte	459
pxrubrica	Ruby annotations according to JIS X 4051	Yato	550
pxtatescale	Patch to graphics driver for scaling in vertical direction of pTeX	Yamashita	548
ptxalfa	Virtual maths alphabets based on pxfonts and txfonts	Sharpe	447
pxufont	Emulate non-Unicode Japanese fonts using Unicode fonts	Yato	550
pybib	Command line utilities to check, sort, merge BibTeX files	Corke	186
pybliographer	A tool for managing bibliographic databases	Gobry	231
pydocstrip	Scripted version of L <sup>A</sup> T <sub>E</sub> X docstrip	Huynh	266
pygmentex	Use Pygments to format code listings in documents	Malaquias	336
PyLuaTeX	Execute Python code on the fly in your L <sup>A</sup> T <sub>E</sub> X documents	Endlerle	206
python	Embed Python code in L <sup>A</sup> T <sub>E</sub> X	Ehmsen	203
pythonhighlight	Highlighting of Python code, based on the listings package	Verdier	516
pythonimmediate	Library to run Python code	user202729	513
pythontex	Run Python from within a document, typesetting the results	Poore	397
pzccl	Zapf Chancery as calligraphic math alphabet	Milde	348
<b>QQQQQ</b>			
Q-and-A	Typesetting Q&A-style conversation made easier	XU	547
qbibman	Graphical frontend to BibTool	Goertz	231
qcircuit	Macros to generate quantum circuits	Eastin, Flammia, Scholten	201
QCM	A L <sup>A</sup> T <sub>E</sub> X2e class for making multiple choice questionnaires	Verna	517
qdtexvpl	Quick and dirty virtual font creation	Mattes	340
qed	Produce an "end-of-proof" mark	Taylor	480
qfig	DOS graphics program	Ofosu-Amaah	377
qfonts	PostScript (Adobe Type 1) fonts in QX layout	JNS team, Jackowski, Nowacki, Strzelczyk	274
qm	Commands for bras and kets and the like	Christlieb	181
qms	VMS tools for controlling QMS printers	Unknown	509
qobitree	L <sup>A</sup> T <sub>E</sub> X macros for typesetting trees	Siskind	452
qrbill	Create QR bills using L <sup>A</sup> T <sub>E</sub> X	Peischl, Antener	390
qrcode	Generate QR codes in L <sup>A</sup> T <sub>E</sub> X	Hendrickson	254
qrcstamps	Create QR codes using stamps	Story	466
qsharp	Syntax highlighting for the Q# language	Granade	236
qstest	Bundle for unit tests and pattern matching	Kastrup	279
qsymbols	Maths symbol abbreviations	Rose	420
qtree	Draw tree structures	Dimitriadis, Siskind	195
qualitytype	The QualiType font collection	Miller	349
quantikz	Draw quantum circuit diagrams	Kay	280
quantumarticle	Document class for submissions to the Quantum journal	Quantum — the open jour- nal for quantum science, Meyer, Gogolin	401
quattrocento	Quattrocento and Quattrocento Sans fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	485
quickreaction	A simple and fast way to typeset chemical reactions	Lambertini	310
quicktype	L <sup>A</sup> T <sub>E</sub> X package for quick typesetting	Mifsud	347
quiver	Draw commutative diagrams exported from <a href="https://q.uiver.app">https://q.uiver.app</a>	Unknown	509

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
quiz2socrative	Prepare questions for socrative quizzes	Lella	316
quizztex	Create quizzes like in TV shows	Pierquet	393
quotation	Typeset an attributed quotation	Unknown	509
quotchap	Decorative chapter headings	Klever, Tinnefeld	291
quote	Match pairs of double-quote characters	Goatley	231
quotes	Smart double quotes in L <sup>A</sup> T <sub>E</sub> X input	Bosisio	158
quoting	Consolidated environment for displayed text	Titz	496
quotmark	Consistent quote marks	Talbot	478
quran-bn	Bengali translations to the quran package	Razavian	406
quran-de	German translations to the quran package	Razavian	406
quran-en	English translation extension to the quran package	Razavian	406
quran-id	Indonesian translation extension to the quran package	Razavian	406
quran-ur	Urdu translations to the quran package	Razavian	406
quran	An easy way to typeset any part of The Holy Quran	Razavian	406
qyxf-book	Book Template for Qian Yuan Xue Fu	You	551
<b>RRRRR</b>			
r_und_s	Chemical hazard codes	Nordenholz	368
r2bib	Convert refer and EndNote files to BibTeX	Mathar	339
ragged	Generic ragged left and ragged right options	Siebenmann	450
ragged2e	Alternative versions of “ragged”-type commands	Schröder, Peischl	439
raggedr	Set an entire document raggedright	Kilfiger	285
rail	Syntax specification in EBNF	Rooijakkers, Barthelmann	420
rake4latex	A rake-based tool to compile L <sup>A</sup> T <sub>E</sub> X projects	Lickert	319
raleyway	Use Raleyway with T <sub>E</sub> X(-alike) systems	Hofstra	260
ran_toks	Randomise token strings	Story	466
randbild	Marginal pictures	Ebermann	202
random	Generating “random” numbers in T <sub>E</sub> X	Arseneau	136
randomlist	Deal with database, loop, and random in order to build personalized exercises	Charpentier, Tellechea	177
randomwalk	Random walks using TikZ	Le Floch	217
randtext	Randomise the order of characters in strings	Duan	199
rangecite	Will turn a range of citations into something like [1..3]	Dershowitz, Reingold	193
rangen	Generate random integers, rational and decimal numbers	Story	466
rank-2-roots	Draw (mathematical) rank 2 root systems	McKay	343
ransom	A “very bad typewriter” font	Knuth	295
ratex	A package for German lawyers	Vosberg	524
ratexdb	Database reports using L <sup>A</sup> T <sub>E</sub> X and Ruby	Höns	262
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	272
rawprint	Print raw Russian text	Veytsman	520
rbt-mathnotes	Rebecca Turner’s personal macros and styles for typesetting mathematics notes	Turner	502
rccol	Decimal-centered optionally rounded numbers in tabular	Guthöhrlein	243
racs-multi	Typeset RCS version control in multiple-file documents	Scharrer	431
racs-pln	RCS data in Plain T <sub>E</sub> X documents	Rose	421
racs	Use RCS (revision control system) tags in L <sup>A</sup> T <sub>E</sub> X documents	Schrod, Gilbey	438
racsinfo	Support for the revision control system	Vollmer	523
ReadableCV	A highly readable and good looking CV and letter class	Stone	463
readarray	Read, store and recall array-formatted data	Segletes	443
readprov	Provides GetFileInfo without the need to load the file	Lück	329
realboxes	Variants of common box-commands that read their content as real box and not as macro argument	Scharrer	431
realcalc	Macros for real arithmetic calculations	Buchholz	164
realhats	Put real hats on symbols instead of ^	Scroggs, Townsend	442
realscripts	Access OpenType subscript and superscript glyphs	Robertson	413
realtranspose	The “real” way to transpose a Matrix	Quentin	401

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rec-thy	Commands to typeset recursion theory papers	Gerdes	226
recipe	A L <sup>A</sup> T <sub>E</sub> X class to typeset recipes	Loreti	326
recipebook	Typeset 5.5" x 8" recipes for browsing or printing	Granger	236
recipecard	Typeset recipes in note-card-sized boxes	Reish	409
recorder-fingering	Package to display recorder fingering diagrams	Munn	358
rectopma	Recycle top matter	Benciolini	149
recycle	A font providing the "recyclable" logo	Green, Pakin	238
redefine	Conditional macro, etc., definitions	Unknown	509
redis	A Hebrew font	Goldberg	231
REdit	Menu-based editor	Rogalla	418
refcheck	Check references (in figures, table, equations, etc)	Motygin	355
refcount	Counter operations with label references	Oberdiek	375
refenums	Define named items and provide back-references with that name	Kopp	300
refer-tools	Convert between refer format and BibTeX format	Mareschal, Fastenrath, McHale, Jacobsen, Roth, Palm, Kautz, Fritzsche	337
refer	Convert a BibTeX bibliography to refer format	McHale	343
references	Bibliographic software supporting L <sup>A</sup> T <sub>E</sub> X/BibTeX	Kiefel	284
reflectgraphics	Techniques for reflecting graphics	Reiche	408
refman	Format technical reference manuals	Kielhorn, Partl	284
refreshpdf	Refresh PDF files "remotely"	Gerhardt	227
refstyle	Advanced formatting of cross references	Els	205
regcount	Display the allocation status of the T <sub>E</sub> X registers	Drucbert	198
regexpatch	High level patching of commands	Gregorio	239
register	Typeset programmable elements in digital hardware (registers)	Lovell	327
regstats	Information about register use	Münch	356
reledmac	Typeset scholarly editions	Rouquette	423
reledpar	Typeset scholarly editions in parallel texts	Rouquette	423
relenc	A "relaxed" font encoding	Hellström	253
relsize	Set the font size relative to the current font size	Swift, Arseneau	471
removefr	Remove from counter-reset lists	Arseneau	136
remreset	Remove counters from reset list	Carlisle	171
renditions	Multiple versions from the same content	Story	467
reotex	Draw Reo Channels and Circuits	Oliveira	378
repeat	Repeat execution of macros	Eijkhout	204
repeatindex	Repeat items in an index after a page or column break	Harders	249
repere	MetaPost macros for secondary school mathematics teachers	Péault	389
repltext	Control how text gets copied from a PDF file	Pakin	384
report	Typeset a multi-chapter report	L <sup>A</sup> T <sub>E</sub> X Team	492
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	494
rerunfilecheck	Checksum based rerun checks on auxiliary files	Oberdiek	375
res	A résumé class	Krishnamurthy, DeCorte	303
rescansync	Re-scan tokens with synctex information	user202729	513
resizegather	Automatically resize overly large equations	Oberdiek	375
resmes	Measure restriction symbol in L <sup>A</sup> T <sub>E</sub> X	De Donato	196
ResolSysteme	Work on linear systems using xint or pyluatex	Pierquet	393
resphilosophica	Typeset articles for the journal Res Philosophica	Veytsman	520
rest-api	Describing a rest api	Klein	290
resumcls	Typeset a resume both in English and Chinese	Hu	264
resumemac	Plain T <sub>E</sub> X macros for resumé	Hosek	263
returntogrid	Semi-automatic grid typesetting	Fischer	216
reverxi	Playing Reversi in T <sub>E</sub> X	Le Floch	217
revnum	Reverse enumerate	Wilms	539
revquantum	Hacks to make writing quantum papers for revtex4-1 less painful	Granade	236



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
revtex	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	377
revtex4-0	Styles for various Physics Journals (old version)	Ogawa, Doyle, Oleinik, Mittelbach	378
revtex4-1	Styles for various Physics Journals	Ogawa, Doyle, Oleinik, Mittelbach	378
rftc2bib	Generate BibTeX entries for IETF RFCs	Mortier	354
rftl	Ruby font installer library	Gundlach	242
RGB	Tables of RGB colour parameters	Loreti	326
rgltxdoc	Common code for documentation of the author's packages	Grew	240
ribbonproofs	Drawing ribbon proofs	Wickerson	537
richtext	Create rich text strings	Story	467
rit-fonts	Malayalam fonts by Rachana Institute of Typography (RIT)	Radhakrishnan	402
rjlparschap	Support for use of \parshape in L <sup>A</sup> T <sub>E</sub> X	Lee	314
rleptf	Rewrite labels in EPS graphics	Rourke	423
rmannot	Create rich media annotations in a PDF file	Story	467
rmathbr	Repeating of math operator at the broken line and the new line in inline equations	Ryabov	427
rmligs	Remove incorrect ligatures in German documents	Jacke	268
rmpage	A package to help change page layout parameters in L <sup>A</sup> T <sub>E</sub> X	McDonnell	343
rmthm	Use a roman font for theorem statements	Verwer	517
rnototex	Convert from Runoff to L <sup>A</sup> T <sub>E</sub> X	Vanroose	514
Robot Man	A fun demo of AcroTeX eDucation Bundle facilities	Story	467
robotarm	TikZ powered L <sup>A</sup> T <sub>E</sub> X package to draw parameterized 2D robot arms	Snippe	455
roboto	Support for the Roboto family of fonts	Tennent	485
robust-externalize	Cache anything (TikZ, python, ...) in a robust, efficient and pure way	Colisson	184
robustcommand	Declare robust command, with \newcommand checks	Ebermann	202
robustindex	Create index with pagerefs	van der Kallen	277
rojud	A font with the images of the counties of Romania	Bazon	144
romanbar	Write roman number with "bars"	Münch	356
romanbarpagenumber	Typesetting roman page numbers	Schneider	437
romandeadf	Romande ADF fonts and L <sup>A</sup> T <sub>E</sub> X support	Rees	407
romaniantex	L <sup>A</sup> T <sub>E</sub> X support for Romanian	Rezus	410
romanneg	Roman page numbers negative	Wolczko	542
romannum	Generate roman numerals instead of arabic digits	Robertson, Wilson	416
rorlink	Create ROR symbols which links to the given ROR-IDs	Lukas	331
rosario	Using the free Rosario fonts with L <sup>A</sup> T <sub>E</sub> X	Esbati	207
rotate-textures	Box rotation macros for Textures	Karney	278
rotate	Rotate T <sub>E</sub> X boxes	Unknown	509
rotating	Rotation tools, including rotated full-page floats	Fairbairns, Rahtz, L <sup>A</sup> T <sub>E</sub> X Team	210
rotchiffre	Perform simple rotation cyphers	Oberdiek	375
rotfloat	Rotate floats	Sommerfeldt	456
rotpages	Typeset sets of pages upside-down and backwards	Callegari	169
rotunda	Rotunda manuscript book-hand font	Wilson	541
RoueQuestions	Draw a "question wheel" (roue de questions)	Vignal Danilet	190
roundbox	Round boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	283
roundrect	MetaPost macros for highly configurable rounded rectangles (optionally with text)	Goodman	233
rpg-module	Typesetting old-school Dungeons and Dragons modules	Davis	191
rplain	Redefines the plain pagestyle	Sommerfeldt	456
rputover	Place text over PSTricks objects without obscuring background colors	Osborne	381
RRGtrees	Linguistic tree diagrams for Role and Reference Grammar (RRG) with L <sup>A</sup> T <sub>E</sub> X	Gardner	225

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
rsc	BibTeX style for use with RSC journals	Wright	544
rsfs	Ralph Smith's Formal Script font	Smith, Hoekwater	454
rsfso	A mathematical calligraphic font based on rsfs	Sharpe	447
RST	Drawing rhetorical structure analysis diagrams in L <sup>A</sup> T <sub>E</sub> X	Reitter	409
rterface	Access to R analysis from within a document	Bogue	155
rtf2latex2e	Convert Rich Text Format (RTF) files to L <sup>A</sup> T <sub>E</sub> X2e	Sathyam, Prah	428
rtf2tex	Convert RTF to T <sub>E</sub> X	Lupton	331
rtkinenc	Input encoding with fallback procedures	Hellström	253
rtklage	Make suit details for German courts	Vosberg	524
rtsched	Draw Real-Time scheduling (GANTT) charts	Lipari	320
rubik	Document Rubik cube configurations and rotation sequences	Nickalls, Syropoulos	364
rubikcube	Typeset Rubik cubes and move notation	Nickalls, Syropoulos	364
rubikrotation	Processes a sequence of Rubik rotations	Nickalls, Syropoulos	364
rubiktwocube	Typeset Rubik TwoCubes and move notation	Nickalls, Syropoulos	364
ruhyphen	Russian hyphenation	Volovich	524
rule-d	Provide L <sup>A</sup> T <sub>E</sub> X3 commands for typesetting rules	Kohm	298
ruled-tables	Plain T <sub>E</sub> X table macros, with ruled capability	Myers	360
ruler	A typographic ruler for T <sub>E</sub> X	Eijkhout	204
rulerbox	Draw rulers around a box	Yang	548
rulercompass	A TikZ library for straight-edge and compass diagrams	Stacey	459
runcode	Execute foreign source code and embed the result in the pdf file	Bar, Wang	141
rune	Two rune fonts	Grant, Lüddecke	236
runic	Fonts for Anglo-Saxon futhorc script	Wilson	541
runtex	Windows program to run T <sub>E</sub> X variant and various utils as needed	Becker	147
runtexshebang	A Lua script running L <sup>A</sup> T <sub>E</sub> X document files with T <sub>E</sub> X-style shebang	Yamamoto	547
russ	L <sup>A</sup> T <sub>E</sub> X in Russian, without babel	Shashkov	448
russian-help	L <sup>A</sup> T <sub>E</sub> X help in Russian	Lubenets	327
rustic	Roman Rustic manuscript book-hand font	Wilson	541
rutitlepage	Radboud University Titlepage Package	Lubbers	327
rviewport	Relative Viewport for Graphics Inclusion	Veytsman	520
rvwrite	Increase the number of available output streams in L <sup>A</sup> T <sub>E</sub> X	Radhakrishnan	402
ryersonSGSThesis	Ryerson School of Graduate Studies thesis template	Shoaib	449
ryethesis	Class for Ryerson University Graduate School requirements	Lassaline	312
<b>SSSS</b>			
s2latex	A scribe to L <sup>A</sup> T <sub>E</sub> X converter	Jacobson, James	270
sa-tikz	TikZ library to draw switching architectures	Fiandrino	213
sacsymb	"Sacred Symbols" prepared with TikZ	Nyaupane	370
sae	Typeset an SAE technical paper	Franke	220
saferef	Safer references through strong typing of references	Ashton	138
sageep	Format papers for the annual meeting of EEGS	Veytsman	520
SageTeX	Embed Sage code and plots into L <sup>A</sup> T <sub>E</sub> X	Pasechnik, Drake	387
sam2p	Convert bitmap formats to compact PS/PDF	Szabó	473
samples	Samples of Plain T <sub>E</sub> X coding	Unknown	509
sanhyph	Sanskrit hyphenation patterns	Codet	183
sanitize-umlaut	Sanitize umlauts for MakeIndex and pdfLaTeX	Sturm	468
sankey	Draw Sankey diagrams with TikZ	Gaborit	224
sans	Exchange Roman and Sans faces in a document	Knappen	292
sanskrit-t1	Type 1 version of 'skt' fonts for Sanskrit	Korop	301
sanskrit	Sanskrit support	Haisman, Wikner	244
sansmath	Maths in a sans font	Arseneau	136
sansmathaccent	Correct placement of accents in sans-serif maths	Barton	142
sansmathfonts	Extended Computer Modern sans serif fonts	Barton	142
sapthesis	Typeset theses for Sapienza-University, Rome	Biccari	152
sarabian	Archaic South Arabian script font	Wilson, Stanier	542
SASnRdisplay	Typeset SAS or R code or output	Madsen	335

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sauer j	A bundle of utilities by Jonathan Sauer	Sauer	429
sauter	Wide range of design sizes for CM fonts	Sauter, Nijhof	429
sauterfonts	Use Sauter's fonts in L <sup>A</sup> T <sub>E</sub> X	Barthelmann	142
saveenv	Save environment content verbatim	user202729	513
savefnmark	Save name of the footnote mark for reuse	Kuhlmann	305
savesym	Redefine symbols where names conflict	Göbel	231
savetrees	Optimise the use of each page of a L <sup>A</sup> T <sub>E</sub> X document	Pakin	384
sbtex	A compact T <sub>E</sub> X distribution for MS-DOS	Sullivan	469
sc21-wg1	Title page for the old ISO TC97/SC21/WG1 working group	Unknown	509
sc21	Title page for the old ISO TC97/SC21 committee	Unknown	509
scale	Scale document by sqrt(2) or magstep(2)	Sandmann	428
scalebar	Create scalebars for maps, diagrams or photos	Lake	309
scaleftnt	Rescale fonts to arbitrary sizes	Carlisle	172
scalerel	Constrained scaling and stretching of objects	Segletes	443
scanpages	Support importing and embellishing scanned documents	Sharpe	447
schedule	Weekly schedules	Alexander, Deneault	131
schedule209	Typeset schedules	Pfenning	391
schemabloc	Draw block diagrams, using TikZ	Papanicola	386
schemata	Print topical diagrams	Schaum	432
schemeTeX	Typesetting Scheme programs with L <sup>A</sup> T <sub>E</sub> X	Ramsdell	405
schemeweb	Simple support for literate programming in Lisp	Ramsdell	405
schola-otf	Using the OpenType fonts T <sub>E</sub> X Gyre schola	Voß	528
ScholaX	Extension of T <sub>E</sub> XGyreSchola (New Century Schoolbook) with math support	Sharpe	447
schooldocs	Various layout styles for school documents	Missier	350
schule	Support for teachers at German schools	Pieper, Kuhaupt, Hilbig	392
schulmathematik	Commands and document classes for German-speaking teachers of mathematics and physics	Wehr	535
schulschriften	German "school scripts" from Suetterlin to the present day	Entenmann	206
schwalbe-chess	Typeset the German chess magazine "Die Schwalbe"	Hoening	259
schwell	Calligraphic font for typesetting handwriting in Schwell style	Ludewig	330
scientific-thes...	Provides cover page and affirmation at the end of a thesis	Kopp	301
scientificauthor	Visual L <sup>A</sup> T <sub>E</sub> X editor	Manhiça	337
scientificpaper	Format a scientific paper for journal publication	Aycock	138
scientificviewer	MacKichan software viewer	Pearson	388
SciKGT <sub>E</sub> X	Mark research contributions in scientific documents and embed them in PDF metadata	Bless	154
sciposter	Make posters of ISO A3 size and larger	Wilkinson	538
SciWordConv	Use Scientific Word/WorkPlace files with another T <sub>E</sub> X	Tuleuov	501
sclang-prettyfier	Prettyprinting SuperCollider source code	Cretel	187
scmac	Typeset scripts with Plain T <sub>E</sub> X	Piaw	391
scontents	Stores L <sup>A</sup> T <sub>E</sub> X contents in memory or files	González Luengo	331
scorecard	Format a Baseball scorecard	Wall	531
Scrabble	Commands for Scrabble boards	Pierquet	393
scraddr	Provide data from scrlltr2's address files	Kohm	298
scrambledenvs	Create and print scrambled environments	Chen	177
scrartcl	Koma-Script 'article' class	Kohm	298
scratch	Draw programs like "scratch"	Tellechea	481
scratch3	Draw programs like "scratch"	Tellechea	481
ScratchX	Include Scratch programs in L <sup>A</sup> T <sub>E</sub> X documents	Ralet	405
scrbase	Provide basic features for KOMA-Script	Kohm	298
scrbook	Koma-Script 'book' class	Kohm	298
scrdate	Calendar date operations	Kohm	298
screen	Prepare a document for a simple previewer	Unknown	509
screenplay-pkg	Package version of the screenplay document class	Munn	358

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
screenplay	A class file to typeset screenplays	Pate	388
scrextend	Use of components of KOMA-Script by other packages	Kohm	298
scrindex	Make index package work with Koma-script classes	Oberdiek	375
script-font	Handwriting font	Vanroose	514
script	Variant report and book styles	Neukam, Lichti	363
scriptfonts	A summary of mathematical script fonts for L <sup>A</sup> T <sub>E</sub> X users	Fairbairns	208
ScriptTeX	Macros for scripts and screenplays	McCarthy	342
scripture	A L <sup>A</sup> T <sub>E</sub> X style for typesetting Bible quotations	Purton	401
scrjrn1	Typeset diaries or journals	Pinson	396
scrjura	Koma-Script support for lawyers, etc	Kohm	298
scrlayer-fancyhdr	Combining package fancyhdr with KOMA-Script's scrlayer	Kohm	299
scrlayer-noteco...	Control note columns parallel to the main text	Kohm	299
scrlayer-scrpage	Define and manage page styles	Kohm	299
scrlayer	Manage text 'layers' within Koma-Script	Kohm	298
scrletter	Letter extension to KOMA-Script classes	Kohm	299
scrfile	Installation control for koma-script packages	Kohm	299
scr1ttr2	Koma-Script 'letter' class	Kohm	299
scr1ttr2copy	A letter class option file for the automatic creation of copies	Niepraschk	367
scrpage2	Control of page headers and footers in L <sup>A</sup> T <sub>E</sub> X	Kohm	299
scrreprt	Koma-Script 'report' class	Kohm	299
scrtime	Show the time of a L <sup>A</sup> T <sub>E</sub> X run	Kohm	299
scrwfile	Use L <sup>A</sup> T <sub>E</sub> X .aux file in place of \newwrite files	Kohm	299
scsnowman	Snowman variants using TikZ	Yamashita	548
scyrillic	A family of cyrillic fonts	Samarin, Glonti	428
sdaps	L <sup>A</sup> T <sub>E</sub> X support files for SDAPS	Berg	151
sdr1	Macros for Segmented Discourse Representation Theory	Isambert, Robbers	268
sdthesis	Thesis Template of Shandong University	Huang	265
se2thesis	A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany	Lukasczyk	331
secdot	Section numbers with trailing dots	Fairbairns, Carlisle	209
seceqn	Number theorems by section	Leichter	315
secnum	A macro to format section numbering intuitively	Gau	225
secret	Put security classification marks in a document	Duchier	199
section	Modifying section commands in L <sup>A</sup> T <sub>E</sub> X	Pretzel	399
sectionbox	Create fancy boxed ((sub)sub)sections	Wilkinson	538
sectionbreak	L <sup>A</sup> T <sub>E</sub> X support for section breaks	Hoftich	261
sectsty	Control sectional headers	McDonnell	343
seealso	Improve the performance of \see macros with makeindex	Liu	321
sehyph	Hyphenation patterns for Swedish	Rynning	427
selectp	Select pages to be output	Arseneau	136
selectpage	Select pages to be output from a document	Knuth	295
selinput	Semi-automatic detection of input encoding	Oberdiek	375
selnolig	Selectively disable typographic ligatures	Loretan	326
SemanTeX	Semantic, keyval-based mathematics	Ørsted	380
semantic-markup	Meaningful semantic markup in the spirit of the Text Encoding Initiative	Cashner	174
semantic	Help for writing programming language semantics	Neergaard, Glenstrup	361
semaphor	Semaphore alphabet font	Zýka	558
semesterplanner	Create beautiful semester timetables and more	Schneider	436
seminar	Make overhead slides	Van Zandt, Rahtz, Girou, Voß	553
semioneside	Put only special contents on left-hand pages in two sided layout	Hennig	256
semproc	Seminar proceedings	Columbus	185
SemTeX	Deals with stripped SemanTeX documents	Ørsted	380
semtrans	Transliteration of semitic languages	Knappen	292

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sentences	Numbered lists for sentences	Unknown	510
sepfootnotes	Support footnotes and endnotes from separate files	Lourenço de Lima	320
sepnun	Print numbers in a "friendly" format	Raichle	404
seqsplit	Split long sequences of characters in a neutral way	Veytsman	520
serbian-apostrophe	Commands for Serbian words with apostrophes	Filipović	214
serbian-book	Support for use of memoir in Serbian	Filipović	214
serbian-date-lat	Updated date typesetting for Serbian	Filipović	214
serbian-def-cyr	Serbian cyrillic localization	Filipović	214
serbian-lig	Control ligatures in Serbian	Filipović	214
serbianpart	Redefines \thepart to be used in Roman lettered Serbian	Filipović	214
serial	Generate serial letters	Pedersen	389
sesamaniel	Class and package for sesamath books or paper	Charpentier	177
sesstime	Session and timing information in lecture notes	Beisert	149
setdeck	Typeset cards for Set	Whieldon	537
setouterhbox	Set hbox in outer horizontal mode	Oberdiek	375
setspace	Set space between lines	Harris, Tobin, Fairbairns, Carlisle	250
setspaceenhanced	An enhancement of the setspace package	Kohm	299
setstrut	Automatic strut computation	von Bechtolsheim	146
settobox	Assigning dimensions of a box to a length register	Oberdiek	375
settosize-ltx	Scale text to make it fit a given width	Rahtz	403
settosize	Scale text to given width	Taylor	481
seu-ml-assign	Southeast University Machine Learning Assignment template	van Jerry	273
seuthesis	L <sup>A</sup> T <sub>E</sub> X template for theses at Southeastern University	Yuan	551
seuthesisx	L <sup>A</sup> T <sub>E</sub> X class for theses at Southeast University, Nanjing, China	Fan	211
sexam	Package for typesetting arabic exam scripts	Laouidji	311
sf298	Standard form 298	Cochran, Rochford	183
sfarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 article style with an sf switch	Partl, Simon	387
sfms	Typesetting science fiction/fantasy manuscripts	DeMarco	192
sfg	Draw signal flow graphs	Schmid	433
sfheaders	Sans headers	Loreti	326
sfmath	Sans-serif mathematics	Dietrich	195
sfwmac	A set of definitions for Unix system documentation	Unknown	510
sgame	L <sup>A</sup> T <sub>E</sub> X style for typesetting strategic games	Osborne	381
sgmlcmt	Support for L <sup>A</sup> T <sub>E</sub> X formulae as SGML PCDATA	Knappen	292
shadbox	Shade the background of any box	Glazkov	230
shade	Shade pieces of text	Schmitt	436
shadebox	Shade boxes using PostScript specials	Brewin, Šegan	162
Shaded theorems	Theorem environments that are shaded	Hefferon	251
shading	L <sup>A</sup> T <sub>E</sub> X package for putting text on a shaded background	Mulder	356
shadow	Shadow boxes	Orlandini	380
shadowtext	Produce text with a shadow behind it	Zwols	558
shalom	A simple Hebrew typesetting bundle	Böttcher	159
shapepar	A macro to typeset paragraphs in specific shapes	Arseneau	136
shapepatch	Transfig patch supporting shapepar	Gollwitzer	232
shapes	Draw polygons, reentrant stars, and fractions in circles with MetaPost	Goodman	233
shavian	A Shavian spelling alphabet font	Stanier	460
shdoc	Float environment to document the shell commands of a terminal session	Laube	312
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	492
shhyphl	Serbo-Croatian hyphenation (Latin alphabet)	Muhamedagić	355
shipunov	A collection of L <sup>A</sup> T <sub>E</sub> X packages and classes	Shipunov	449
shlatex	L <sup>A</sup> T <sub>E</sub> X compilation script for Linux (written in Bash)	Hilléreau	258
shobhika	An OpenType Devanāgarī font designed for scholars	Kolachana	300



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
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	488
shortcuttool	Enables shortcut file import to the input tool Shortcut	Mehl	345
shortlst	Compact lists by running several items per line	Hansen	246
shortmathj	Automatically shortify titles of mathematical journals	Avdeev	138
shorttoc	Table of contents with different depths	Drucbert	198
shortvrb	Abbreviated verbatim commands	L <sup>A</sup> T <sub>E</sub> X Team	492
show2e	Variants of \show for L <sup>A</sup> T <sub>E</sub> X2e	Pégourié-Gonnard	390
showcharinbox	Show characters inside a box	Khalighi, bidi-tex GitHub Organisation	283
showdim	Variants on printing dimensions	Downes	197
showexpl	Typesetting L <sup>A</sup> T <sub>E</sub> X source code	Niepraschk	367
showframe	Draw a page-layout diagram	Niepraschk	367
showhyphenation	Marking of hyphenation points	Kelkel	280
showhyphens	Show all possible hyphenations in LuaLaTeX	Gundlach	242
showkerning	Showing kerns in a document	Kelkel	280
showkeys	Show label, ref, cite and bib keys	Carlisle	172
showlabels	Show label commands in the margin	Gray	237
showtags	Print the tags of bibliography entries	Beebe	147
shsulet	A letter document style for use at SHSU	Greenwade	239
ShtThesis	An unofficial L <sup>A</sup> T <sub>E</sub> X thesis template for ShanghaiTech University	Li	318
shuffle	A symbol for the shuffle product	Lejay, Gilbert	316
si	A comprehensive (SI) units package	Wright	544
siam	Styles for SIAM publications	Gray, Cipolone	237
side	Rotated floats for L <sup>A</sup> T <sub>E</sub> X 2.09	Knight, Ryba	293
sidecap	Typeset captions sideways	Niepraschk, Gäßlein	367
sidenotes	Typeset notes containing rich content, in the margin	Thomas	494
sidenotesplus	Place referenced notes, alerts, figures and tables into the document margin	Vrba	530
sides	A L <sup>A</sup> T <sub>E</sub> X class for typesetting stage plays	Mui	356
siggraph	SIGGRAPH conference class	Kartch	279
signchart	Create beautifully typeset sign charts	Mottaz	354
Sikumuna	Lyx template for Hebrew article format	Rutenberg	427
silence	Selective filtering of error messages and warnings	Pock, Isambert	397
sillypage	John Cleese’s Silly Walk as page numbering style	Cereda	175
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	442
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	442
simplebnf	A simple package to format Backus-Naur form (BNF)	Lee	313
simplecd	Simple CD, DVD covers for printing	Majoros	336
simplecv	A simple class for writing curricula vitae	Lasgouttes	312
simpleicons	Simple Icons for L <sup>A</sup> T <sub>E</sub> X	Bose	157
simpleinvoice	Easy typesetting of invoices	Lohne	321
simplekv	A simple key/value system for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Tellechea	481
simplenodes	Simple nodes in four colors written in TikZ for L <sup>A</sup> T <sub>E</sub> X	Vergauwen	516
simpleoptics	Drawing lenses and mirrors for optical diagrams	Cawood	175
simpler-wick	Simpler Wick contractions	Ellis	205
simples-matrices	Define matrices by given list of values	Henel	255
simplewick	Simple Wick contractions	Kolorenc	300
simplified-latex	A Simplified Introduction to L <sup>A</sup> T <sub>E</sub> X	Greenberg, Luecking	238
simplivre	Write your books in a simple and clear way	XU	547
simpsons	Metafont source for Simpsons characters	Chen	178
simurgh	Typeset Parsi in LuaLaTeX	Khalighi, bidi-tex GitHub Organisation	283
sines	Calculate sin function values	Walker	531

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sinhala	Support for the Sinhala language	Saparamadu	428
sirlin	Fonts and macros for typesetting Tibetan	Sirlin	452
SIstyle	Package to typeset SI units, numbers and angles	Els, Wright	206
sitem	Save the optional argument of \item	Majkrzak	336
siunits	International System of Units	Wright, Heldoorn	545
siunitx	A comprehensive (SI) units package	Wright	544
skak	Fonts and macros for typesetting chess games	Hoffmann	259
SkakNew	The skak chess fonts redone in Adobe Type 1	Dirr	195
skb	Tools for a repository of long-living documents	van der Meer	345
skdoc	Documentation and extraction for packages and document classes	Sigurdhsson	451
skeldoc	Placeholders for unfinished documents	Hetland	257
sketch	A 3d sketch language translator	Ressler	410
skeycommand	Create commands using parameters and keyval in parallel	Musa	360
skeyval	Key-value parsing combining features of xkeyval and pgfkeys	Musa	360
skills	Create proficiency tests	Giraud	229
skmath	Extensions to the maths command repertoire	Sigurdhsson	451
skrapport	‘Simple’ class for reports, etc.	Sigurdhsson	451
skull	A font to draw a skull	Grove	241
slantsc	Access different-shaped small-caps fonts	Harders	249
slashbox	Both column and row headings in a tabular cell	Yasuoka, Sato	549
slashed	Put a slash through characters	Carlisle	172
slatex-scheme	A pretty-printer for Scheme code in T <sub>E</sub> X documents	Sitaram	452
slatex	L <sup>A</sup> T <sub>E</sub> X support for writing Swedish	Mattison	341
slem	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X 2.09	Furuta	223
slemph	Slanted emphasis in L <sup>A</sup> T <sub>E</sub> X	Swift	470
slhyph	Slovenian hyphenation patterns	Vrečko, Žlajpah	530
slidenotes	Typeset slides accompanied by notes	van der Meer	345
slides	Class for creating slides	Mittelbach, Schöpf, L <sup>A</sup> T <sub>E</sub> X Team	351
slideshow	Generate slideshow with MetaPost	McPhee	344
sltables	Simplified tables for L <sup>A</sup> T <sub>E</sub> X	Shipunov	449
smallcap	Promote small caps to a font family, so NFSS can deal with different shapes	Taupin	480
smaller	Choose an “adjacent” size in L <sup>A</sup> T <sub>E</sub> X	Cosell, Hosek	186
smalltableof	Create listoffigures etc. in a single chapter	Mathieu	339
smalltalk	Typeset Smalltalk program fragments	Wolczko	542
smart-eqn	Automatic math symbol styling for L <sup>A</sup> T <sub>E</sub> X documents	Xiang	546
smartdiagram	Generate diagrams from lists	Fiandrino	213
smartmn	Make hyphens print as minus signs where appropriate	Knappen	292
smartref	Extend L <sup>A</sup> T <sub>E</sub> X’s \ref capability	Bilotta	153
smartunits	Converting between common metric and Imperial units	Mathas	339
smflatex	Classes for Société mathématique de France publications	Chambert-Loir	176
SmileTeX	Create L <sup>A</sup> T <sub>E</sub> X documents and more from simple texts	Schüler	440
snapshot	List the external dependencies of a L <sup>A</sup> T <sub>E</sub> X document	The AMS, Downes	488
snaptodo	A todo that snaps to the closer side	Wang	532
snote	Shaped notes for MusicTeX	Colburn	184
snotez	Typeset notes, in the margin	Niederberger	365
sober	Makes appearance of standard styles more “sober”	Poppelier	398
sobolev	Commands for dealing with Sobolev spaces (and relatives)	Bosisio	158
softfonts	Manage the “soft fonts” in a LaserWriter printer	Small Planet Software	453
softmaker-altes...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Alte Schwabacher font	Kleber	288
softmaker-artistic	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Artistic font	Kleber	288
softmaker-baske...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Baskerville Nova fonts	Kleber	288
softmaker-bonita	L <sup>A</sup> T <sub>E</sub> X Support files for SoftMaker Bonita	Kleber	288
softmaker-broadway	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Broadway fonts	Kleber	288

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
softmaker-canossa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Canossa fonts	Kleber	289
softmaker-congress	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	289
softmaker-delan...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Delano Caps font	Kleber	289
softmaker-digital	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Digital fonts	Kleber	289
softmaker-egypt...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker EgyptienneStd fonts	Kleber	289
softmaker-flags...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Flagstaff font	Kleber	289
softmaker-grenoble	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Grenoble fonts	Kleber	289
softmaker-helium	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	289
softmaker-heliu...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Helium fonts	Kleber	289
softmaker-hende...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Henderson font	Kleber	289
softmaker-iceberg	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Iceberg font	Kleber	289
softmaker-inver...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Inverserif font	Kleber	289
softmaker-jugen...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Jugendstil font	Kleber	289
softmaker-marse...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Marseille fonts	Kleber	289
softmaker-moab	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Moab font	Kleber	289
softmaker-nevada	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Nevada fonts	Kleber	289
softmaker-newca...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Newcastle fonts	Kleber	289
softmaker-oldbl...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Old Blackletter font	Kleber	289
softmaker-quadrat	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Quadrat fonts	Kleber	290
softmaker-stone...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Stone Handwriting font	Kleber	290
softmaker-sunset	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Sunset fonts	Kleber	290
softmaker-tampa	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Congress fonts	Kleber	290
softmaker-vagro...	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker VAGRounded font	Kleber	290
softmaker-velo	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Velo font	Kleber	290
softmaker-veracruz	L <sup>A</sup> T <sub>E</sub> X Support files for the SoftMaker Veracruz fonts	Kleber	290
softmakerfreefont	Support files for SoftMaker free fonts	Kleber	290
somedefs	Save loading all of another package	Jeffrey, L <sup>A</sup> T <sub>E</sub> X Team	272
songbook	Package for typesetting song lyrics and chord books	Rath	406
songproj	Generate Beamer slideshows with song lyrics	Ortolo	381
songs	Produce song books for church or fellowship	Hamlen	245
sorhyph	Upper Sorbian hyphenation patterns	Werner	536
sort-by-letters	Bibliography styles for alphabetic sorting	van Oudenhove	381
soton	University of Southampton-compliant slides	Blanco	154
soul	Hyphenation for letterspacing, underlining, and more	Oberdiek	376
soulpos	A fancy means of underlining	Bezoz López	323
soup	Generate alphabet soup puzzles	Simers	451
source2e	LaTeX2e kernel documentation for the entire system as one document	L <sup>A</sup> T <sub>E</sub> X Team	492
sourcecodepro	Use SourceCodePro with T <sub>E</sub> X(-alike) systems	Hofstra	260
SourceSansPro	Use SourceSansPro with T <sub>E</sub> X(-alike) systems	Hofstra	260
sourceserifpro	Use SourceSerifPro with T <sub>E</sub> X(-alike) systems	Hofstra	260
SouthArabian	A font for an archaic South Arabia script	Stanier	460
soyombo	Fonts and a macro for Soyombo under L <sup>A</sup> T <sub>E</sub> X	Corff	186
spacekern	Kerning between words and against space	Kelkel	280
spacingtricks	Addressing various spacing issues	Missier	350
spain	Bibliography style for Spanish documents	Fernandez	212
spalign	Typeset matrices and arrays with spaces and semicolons as delimiters	Rabinoff	401
spanish-mx	Typeset Spanish as in Mexico	Rivera	412
spark-otf	Support OpenType Spark fonts	Voß	528
sparklines	Drawing sparklines: intense, simple, wordlike graphics	Löffler, Luecking, van Mil- tenburg	321
spath3	Manipulate “soft paths” in PGF	Stacey	459
spbookmark	Customize superscripts and subscripts	Yi	551
spectral	Spectral fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	485
spectralsequences	Print spectral sequence diagrams using PGF/TikZ	Chatham	177
spelling	Support for spell-checking of LuaTeX documents	Hennig	256

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sphack	Patch L <sup>A</sup> T <sub>E</sub> X kernel spacing macros	Pretzel	399
sphdthesis	L <sup>A</sup> T <sub>E</sub> X template for writing PhD Thesis	Garg	225
sphyphb	Experimental Spanish hyphenation patterns	Medina	345
spiderweb	A tool for building WEB systems	Ramsey	405
spie	Support for formatting SPIE Proceedings manuscripts	Hanson, SPIE Support	246
SpiX	Yet another T <sub>E</sub> X compilation tool: simple, human readable, no option, no magic	Paternault	388
splines	MetaPost macros for drawing cubic spline interpolants	Luecking	330
splint	Write LALR(1) parsers in T <sub>E</sub> X using bison and flex	Shibakov	448
split	Box two chunks of text side-by side	Skinner	453
splitbib	Split and reorder your bibliography	Markey	338
splitindex	Unlimited number of indexes	Kohm	299
spot	Spotlight highlighting for Beamer	Hendrickson	254
spotcolor	Spot colours for pdfLaTeX	Elstner	206
spreadtab	Spreadsheet features for L <sup>A</sup> T <sub>E</sub> X tabular environments	Tellechea	481
springer	Macros for Springer journals	Springer Verlag	459
sprite	Macros to typeset simple bitmaps with L <sup>A</sup> T <sub>E</sub> X	Costabel	186
sperbatim	Allow line breaks within \verb and verbatim output	Pakin	384
SQLTeX	An SQL Preprocessor for L <sup>A</sup> T <sub>E</sub> X	van Eijk	203
sqrcaps	Square Capitals manuscript book-hand font	Wilson	541
sr-half-compound	Hyphenation of Serbian half-compound words in cyrillic scripts	Filipović	214
sr-hyphen-spec	Hyphenation of special cases in Serbian	Filipović	214
sr-vorl	Class for Springer books	Dabelow	188
srbtiks	Font STIX2 for Serbian and Macedonian	Stefanović	461
srcltx	Jump between DVI and T <sub>E</sub> X files	Ulrich	502
srcredact	A tool for redacting sources	Veytsman	520
srdp-mathematik	Typeset Austrian SRDP in mathematics	Weberndorfer	534
srhyphc	Hyphenation patterns for Serbian Cyrillic	Jelenak	272
srune	Saxon rune font	Lüddecke	330
sseq	Typesetting spectral sequence charts	Bauer	143
sshdbk10	Sans headers in book style	Unknown	510
sslides	Slides with headers and footers	Salimi	427
ssquote	Use the cmssq fonts	Vieth, Goossens	521
stables	Simplified Plain T <sub>E</sub> X tables	Nilsson	368
stabular	Multipage tabular	Tolušis	497
stack	Tools to define and use stacks	Bayart	144
stackengine	Highly customised stacking of objects, insets, baseline changes, etc	Segletes	443
stackrel	Enhancement to the \stackrel command	Oberdiek	376
stage	A L <sup>A</sup> T <sub>E</sub> X class for stage plays	Thomas, Jahrling	495
stampinclude	Inclusion based on .aux file date stamps	Oberdiek	376
standalone	Compile T <sub>E</sub> X pictures stand-alone or as part of a document	Scharrer	431
stanli	TikZ Library for Structural Analysis	Hackl	243
starfont	The StarFont Sans astrological font	Skala	453
starray	A structured array (of properties) based on expl3	Frigeri	223
startex	An XML-inspired format for student use	Langmyhr	311
statex	Statistics style	Sparapani	457
statex2	Statistics style	Sparapani	457
statistics	Compute and typeset statistics tables and graphics	Rivaud	411
statistik	Store statistics of a document	Niedermair	366
statmath	A L <sup>A</sup> T <sub>E</sub> X package for simple use of statistical notation	Ankargren	133
statrep	Displays SAS code and results of running the code	Arnold	134
staves	Typeset Icelandic staves and runic letters	Syropoulos	472
stdclsdv	Provide sectioning information for package writers	Robertson, Wilson	416
stdpage	Standard pages with n lines of at most m characters each	Verweyen	518
stealcaps	“Steal” small capitals	Giannotti	228

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
steinmetz	Print Steinmetz notation	Gregorio	239
stellenbosch-2	Stellenbosch University thesis bundle	Els	205
stellenbosch	Stellenbosch thesis bundle (legacy version)	Els	205
step	A free Times-like font	Miller	349
stepgreek	A free Times/Elsevier-style Greek font	Miller	349
sTeX	An infrastructure for semantic preloading of L <sup>A</sup> T <sub>E</sub> X documents	Kohlhase, Müller	297
stfloats	Commands to control the presentation of floats	Tolušis	497
SticksToo	A reworking of STIX2	Sharpe	447
stix	OpenType Unicode maths fonts	The STI Pub Companies, Doyle, Hosny, Robertson, Jones	494
stix2-otf	OpenType Unicode text and maths fonts	The STI Pub Companies, Jones	494
stix2-type1	Type1 versions of the STIX Two OpenType fonts	The STI Pub Companies, Jones	494
stmaryrd	St Mary Road symbols for theoretical computer science	Jeffrey, Gibbons, Hoekwater	272
stoneipa	Support for the Stone Sans Phonetic font	Velleman	516
storebox	Storing information for reuse	Scharrer	431
storecmd	Store the name of a defined command in a container	Musa	360
strands	Draw objects constructed from strands	Arcis	134
streetex	Structural organic chemistry	Strokov	468
stricttex	Strictly balanced brackets and numbers in command names	Ørsted	381
string-diagrams	Create string diagrams with L <sup>A</sup> T <sub>E</sub> X and TikZ	Brasolin	161
stringenc	Converting a string between different encodings	Oberdiek	376
stringstrings	String manipulation for cosmetic and programming application	Segletes	443
structmech	A TikZ command set for structural mechanics drawings	Chang	176
struktex	Draw Nassi-Shneiderman charts	Hoffmann	259
sttools	Various macros	Tolušis, Statulevičius	498
stubs	Create tear-off stubs at the bottom of a page	Stuhrmann	468
Student Handouts	Management and styling of student handout projects	Fennell	212
studies-lm	An interactive L <sup>A</sup> T <sub>E</sub> X course for students	Römer	419
sty2dtx	Create a .dtx file from a .sty file	Scharrer	431
style-showcase	Make a web page to compare styles	Hefferon	251
styledcmd	Handling multiple versions of user-defined macros	De Donato	196
suanpan	MetaPost macros for drawing Chinese and Japanese abaci	Roegel	417
subcaption	Support for sub-captions	Sommerfeldt	456
subdepth	Unify maths subscript height	Robertson	413
subdocs	Multifile documents	Bezos López	323
subeqn	Package for subequation numbering	Arseneau, Braams	137
subeqnarray	Equation array with sub numbering	Braams	160
subfig	Figures broken into subfigures	Cochran, Khalighi, bidi-tex GitHub Organisation	183
subfigmat	Automates layout when using the subfigure package	Kleb	287
subfigure	Deprecated: Figures divided into subfigures	Cochran	183
subfiles	Individual typesetting of subfiles of a “main” document	Salzer, Garcia-De Castro	428
subfloat	Sub-numbering for figures and tables	Harders	249
sublabel	Sub-number counters	Daly	189
subscript	Provides the \textsubscript command	Fairbairns, Carlisle	209
substances	A database of chemicals	Niederberger	365
substitutefont	Obsolete package to combine font families for different font encodings	Milde	348
substr	Deal with substrings in strings	Harders	249
subsupscripts	A range of sub- and superscript commands	Bresciani	162
subtext	Easy text-style subscripts in math mode	Jørgensen	275
sudoku	Create sudoku grids	Abraham	129
sudokubundle	A set of sudoku-related packages	Wilson	541



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
sueterlin	Calligraphic font for typesetting handwriting in Sütterlin style	Ludewig	330
suffix	Define commands with suffixes	Kastrup	279
suftesi	A document class for typesetting theses, books and articles	Valbusa	514
sugconf	SAS(R) user group conference proceedings document class	Fehd	212
superiors	Attach superior figures to a font family	Sharpe	447
supertabular	A multi-page tables package	Braams	160
suppose	Abbreviate the word “Suppose”	Lounsbury	327
susy	Macros for SuperSymmetry-related work	Turlay	501
suthesis	Typeset a Stanford University thesis	Pallas	385
sverb	A set of verbatim text manipulations	Wooding	543
svg-inkscape	How to include an SVG image in L <sup>A</sup> T <sub>E</sub> X using Inkscape	Engelen	206
svg	Include and extract SVG pictures in L <sup>A</sup> T <sub>E</sub> X documents	Hanisch, Ilten	246
svgcolor	Define SVG named colours	Caprio	170
svn-multi	Subversion keywords in multi-file L <sup>A</sup> T <sub>E</sub> X documents	Scharrer	431
svn-prov	Subversion variants of \Provides... macros	Scharrer	431
svn	Typeset Subversion keywords	Lewis	318
svninfo	Typeset Subversion keywords	Brucker	164
svrsymbols	A font with symbols for use in physics texts	Syropoulos	472
swebib	Swedish bibliography styles	Engelbretsen	206
swetex	Plain T <sub>E</sub> X support for writing Swedish	Engdahl	206
swfigure	Insert large images that do not fit into a single page	Beccari	146
swiftex	Edit doc.sty and normal L <sup>A</sup> T <sub>E</sub> X files with GNU Emacs	Swift	470
Swimgraf	Graphical/textual representations of swimming performances	Osborne	381
switcheml	Obfuscate email addresses (now obsolete)	Duan	199
swrule	Lines thicker in the middle than at the ends	Dussa	201
swungdash	Typeset a swung dash in L <sup>A</sup> T <sub>E</sub> X	Granet	236
sylllogism	Typeset syllogisms in L <sup>A</sup> T <sub>E</sub> X	Vaughan	516
symbats3	Macros to use the Symbats3 dingbats fonts	Flynn	218
symbolindex	Generate a list of symbols with different subgroups	Holzmann	262
SympyCalc	Work with SymPy and PyLuaTeX	Pierquet	393
sympytex	Include symbolic computation (using sympy) in documents	Molteno	352
Synapsen	Reference management tool for BibTeX	Krajewski	302
synctex-parser	SyncTeX output file parser	Laurens	312
syngen	A tool for generating syntax diagrams from BNF	Klöcker	291
synproof	Easy drawing of syntactic proofs	Isambert, Robbers	268
syntax-mdw	Typeset syntax descriptions	Wooding	543
syntax2	Creation of syntax diagrams	Worsch	544
syntaxdi	Create “railroad” syntax diagrams	Pieper, Kuhaupt, Hilbig	392
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	351
syntrace	Labels for tracing in a syntax tree	Mathieu	340
synttree	Typeset syntactic trees	van Zuijlen	558
syriac	A font for Syriac written in Estrangelo	Stanier	460
systcontrolletters	Support for Systems and Control Letters	Balemi, Truöl	140
systeme	Format systems of equations	Tellechea	481
<b>TTTT</b>			
t-angles	Draw tangles, trees, Hopf algebra operations and other pictures	Lyubashenko, Bespalov	333
t1-fraktur	A pair of fraktur font families in T1 encoding	Kurz, Taupin	307
t1enc	Standard package for activating ec fonts	L <sup>A</sup> T <sub>E</sub> X Team	492
t1infos	Utilities for PostScript fonts	Baruchel	143
T1Subset	A C++ library for subsetting PostScript Type 1 fonts	Frane Jr	276
t1tools	Facilities for handling Adobe Type 1 fonts	Wolff	543
t1utils	Simple Type 1 font manipulation programs	Hetherington, Kohler	257
t2	Support for using T2 encoding	Volovich, Lemberg	524
tab4tex	Preprocessor for L <sup>A</sup> T <sub>E</sub> X tabular environments	Milanese	348

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tabbing	Tabbing with accented letters	Drucbert	198
tabbingbox	Save a tabbing environment in a box	Unknown	510
tabfigures	Maintain vertical alignment of figures	Ummels	503
table-fct	Draw a variations table of functions and a convexity table of its graph	Lakhdar	309
tableauVariations	Variation tables in MetaPost	Mazoit	342
tableaux	Construct tables of signs and variations	Kisselhoff	287
tablefootnote	Permit footnotes in tables	Münch	357
tableof	Tagging tables of contents	Burnol	167
tables	Tables without the need for a preamble	Cowan, Taylor	187
tablestyles	Styles for tables with new commands	Pospiech	398
tablists	Tabulated lists of short items	Lapko	311
tablor	Create tables of signs and of variations	Connan	185
tabls	Better vertical spacing in tables and arrays	Arseneau	136
tablvar	Typesetting pretty tables of signs and variations according to French usage	Missier	350
tabriz-thesis	A template for the University of Tabriz	Damanafshan	190
tabsatz	How to use tables in L <sup>A</sup> T <sub>E</sub> X	Reichert	408
tabstackengine	“Tabbing” front-end to stackengine	Segletes	443
tabto-generic	”Tab” to a measured position in the line	Arseneau	136
tabto-ltx	“Tab” to a measured position in the line	Arseneau	136
tabu	Flexible L <sup>A</sup> T <sub>E</sub> X tabulars	Chervet	179
tabularborder	Remove excess space at left and right of tabular	Fink	215
tabularcalc	Calculate formulas in a tabular environment	Tellechea	482
tabularew	A variation on the tabular environment	Saba	427
tabularht	Tabular environments with height specified	Oberdiek	376
tabularkv	Tabular environments with key-value interface	Oberdiek	376
tabularray	Typeset tabulars and arrays with L <sup>A</sup> T <sub>E</sub> X3	Lyu	333
tabulars-e	Examples from the book ”Typesetting tables with L <sup>A</sup> T <sub>E</sub> X”	Voß	528
tabularx	Tabulars with adjustable-width columns	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	174
tabulary	Tabulars with variable width columns balanced	Carlisle	172
tabvar	Typesetting tables showing variations of functions	Flipo	217
tabverb	Verbatim text respecting TAB characters	Fine	215
tagging	Document configuration with tags	Longborough, L <sup>A</sup> T <sub>E</sub> X Team	322
tagpair	Word-by-word glosses, translations, and bibliographic attributions	Nolda	368
tagpdf	Tools for experimenting with tagging using pdfL <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Fischer	216
talk	A L <sup>A</sup> T <sub>E</sub> X class for presentations	Wiebusch	537
talos	A Greek cult font from the eighties	Tsolomitis	500
tamefloats	Experimentally use \holdinginserts with L <sup>A</sup> T <sub>E</sub> X floats	Lück	329
TameTheBeast	A manual about bibliographies and especially BibTeX	Markey	338
tamil-omega	Tamil support for Omega/Aleph	Alex	131
tangle	Generate compilable source from web	Knuth	295
tango-weevil	A simple Web system	Minyard	349
tangocolors	Use colors from the Tango color palette	Preuße	399
TangramTikZ	Tangram puzzles, with TikZ	Pierquet	394
tap	TeX macros for typesetting complex tables	Jackowski, Pianowski, Strzelczyk	269
tape	Generate cassette labels from a simple database	Podar	397
tapir	A simple geometrical font	Mitek	350
tasks	Horizontally columned lists	Niederberger	366
taylor	Macros for category-theoretic diagrams	Taylor	480
tbe	Extracts from ”TeX by Example”	Borde	157
tccomp	Provide compatibility names for textcomp.sty	Knappen	292
tclldoc	Doc/docstrip for tcl	Hellström	253
tcltexed	L <sup>A</sup> T <sub>E</sub> X editor written in TCL	Strauß	468
tcobrowser	Local browsing of the Catalogue on Mac OS X	Maxwell	341

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tcolorbox	Coloured boxes, for L <sup>A</sup> T <sub>E</sub> X examples and theorems, etc	Sturm	468
tcvn	Vietnamese Windows support	Quy	401
tdclock	A ticking digital clock package for PDF output	Randez	405
tds	The T <sub>E</sub> X Directory Structure standard	TUG TWG-TDS	501
tdsfrmath	Macros for French teachers of mathematics	Henel	255
techexplorer	Browser plugin for viewing T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X sources	IBM Corporation	266
Technica	Typesetting for the humanities	Boggio-Togna	155
technics	A package to format technical documents	Nilsson	368
technion-thesis...	Template for theses on the Technion graduate school	Shuval	449
techreport	Generate Technical Reports using USC thesis style	Cochran	183
ted	A (primitive) token list editor	Pégourié-Gonnard	390
TeEncontreX	Help for users of T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Algaba	131
telprint	Format German phone numbers	Oberdiek	376
telugu	(La)T <sub>E</sub> X Support for writing the Telugu Language	Mukkavilli	356
templates-fenn	Templates for T <sub>E</sub> X usage	Fenn	212
templates-sommer	Templates for T <sub>E</sub> X usage	Sommer	456
templatetools	Commands useful in L <sup>A</sup> T <sub>E</sub> X templates	Pospiech	398
tempora	Greek and Cyrillic to accompany Times	Sharpe	447
tengtex	Typesetting in Tolkien's Tengwar script	Derzhanski	193
tengwar	Font to set Tolkien's Tengwar script	Urban	512
TengwarScript	L <sup>A</sup> T <sub>E</sub> X support for using Tengwar fonts	Fernández Galván	225
tensind	Typeset tensors	Bezós López	323
tensor	Typeset tensors	Piff, Ratcliffe	395
termcal-de	German localization for termcal	Friedl	222
termcal	Print a class calendar	Mitchell	350
termes-otf	Using the OpenType fonts T <sub>E</sub> X Gyre Termes	Voß	528
termlist	Label any kind of term with a continuous counter	Rellermeyer	409
termmenu	The package provides support for terminal-based menus using expl3	Allred	132
termsim	Simulate Win10, Ubuntu, and Mac terminals	Geng	226
tesla	A special-purpose language for knowledge base rules	Baragar, Harris	141
testeq	An equality test for use in MetaPost	Vieth	521
testflow	A tool to validate PS/PDF output from L <sup>A</sup> T <sub>E</sub> X	Shell	448
testfont	A testbed for font evaluation	Knuth	295
testhyphens	Testing hyphenation patterns	Beccari	146
testidx	Dummy text for testing index styles and indexing applications	Talbot	478
testmath	Examples of the AMS-L <sup>A</sup> T <sub>E</sub> X package	The AMS	488
tetex	Obsolete T <sub>E</sub> X distribution for Unix/Linux	Esser	208
tetragonos	Four-Corner codes of Chinese characters	Yang	549
teubner	Philological typesetting of classical Greek	Beccari	146
tex--xet	Bidirectional extension of T <sub>E</sub> X	Breitenlohner, Knuth, MacKay	161
TeX Converter	Windows front-end to various L <sup>A</sup> T <sub>E</sub> X to HTML converters	Mayer	342
tex-ewd	Macros to typeset calculational proofs and programs in Dijkstra's style	Helbig	252
tex-extensions	Proposals for extensions to T <sub>E</sub> X	Clasen	183
tex-font-errors...	Cheat sheet outlining the most common T <sub>E</sub> X font errors	Schlömer	433
TeX-FPC	A collection of change files for a T <sub>E</sub> X system based on Free Pascal	Helbig	252
TeX-GPC	A collection of change files for a T <sub>E</sub> X system based on GNU Pascal	Helbig	253
tex-gyre-adventor	A font family that extends URW Gothic L	Jackowski, Nowacki	269
tex-gyre-bonum	A font family that extends URW Bookman L	Jackowski, Nowacki	269
tex-gyre-chorus	A font that extends URW Chancery L	Jackowski, Nowacki	269
tex-gyre-cursor	A font that extends URW Nimbus Mono L	Jackowski, Nowacki	269
tex-gyre-heros	A font family that extends URW Nimbus Sans L	Jackowski, Nowacki	269
tex-gyre-math-b...	Maths fonts to match T <sub>E</sub> X Gyre Bonum	Jackowski, Strzelczyk, Pi-anowski	270

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tex-gyre-math-d...	Maths fonts to match T <sub>E</sub> X Gyre Dejavu	Jackowski, Pianowski, Strzelczyk	269
tex-gyre-math-p...	Maths fonts to match the tex-gyre-pagella text font	Jackowski, Pianowski, Strzelczyk	269
tex-gyre-math-s...	Maths fonts to match T <sub>E</sub> X Gyre Schola	Jackowski, Pianowski, Strzelczyk	269
tex-gyre-math-t...	Maths fonts to match T <sub>E</sub> X Gyre Termes	Jackowski, Pianowski, Strzelczyk	269
tex-gyre-math	Maths fonts to match tex-gyre text fonts	Jackowski, Pianowski, Strzelczyk	269
tex-gyre-pagella	A font family that extends URW Palladio L	Jackowski, Nowacki	269
tex-gyre-schola	A font that extends URW Century Schoolbook L	Jackowski, Nowacki	269
tex-gyre-termes	A font family that extends URW Nimbus Roman	Jackowski, Nowacki	269
tex-gyre	TeX Fonts extending freely available URW fonts	Jackowski, Nowacki	268
tex-implementors	Entries from the tex-implementors mailing list	Beeton, Berry	148
tex-ini-files	Model T <sub>E</sub> X format creation files	Wright	545
tex-it	Controller for T <sub>E</sub> X processing	Walsh	532
tex-kurs	A L <sup>A</sup> T <sub>E</sub> X (2.09) course in German	Rupprecht	426
tex-label	Place a classification on each page of a document	Komarath	300
tex-locale	Localisation support for T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X documents	Talbot	478
TeX-mag	An on-line T <sub>E</sub> X magazine	Hosek	263
tex-math	Maths mode documentation for OS/2 users	Hahn	244
TeX-nutshell	A short document about T <sub>E</sub> X principles	Olšák	379
tex-overview	An overview of the development of T <sub>E</sub> X	Trautmann	499
tex-ps	TeX to PostScript generic macros and add-ons	BOP, Nowacki	156
tex-references	References for T <sub>E</sub> X and Friends	Wiedmann	537
tex-virtual-aca...	TeX usage web pages, in Polish	Wawrykiewicz, Przechlewski	533
tex-vpat	TeX Accessibility Conformance Report	Veytsman	520
TeX	A sophisticated typesetting engine	Knuth	295
tex2bib	Extract a BibTeX database from a document source	Friendly	222
tex2ltx	AMS-TeX to AMS-L <sup>A</sup> T <sub>E</sub> X converter	Fortuny	219
tex2mail	Converts T <sub>E</sub> X to mailable "ASCII art"	Zakharevich	552
tex2page	Produce HTML from T <sub>E</sub> X/LaTeX	Sitaram	452
tex2rtf	TeX translator, output formats include RTF	Smart	453
tex2tok	Convert a T <sub>E</sub> X source file into tokens	Fine	215
tex2word	Convert T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X to MSWord	Chikrii	180
tex4ebook	Converter from L <sup>A</sup> T <sub>E</sub> X to ebook formats	Hoftich	261
TeX4ht	Convert (La)TeX to HTML/XML	The TeX4ht Team, Gurari	487
texaccents	Convert composite accented characters to Unicode	Milanese	348
texapi	Macros to write format-independent packages	Isambert, Robbers	268
texas	32-bit T <sub>E</sub> X 3.14 compiled for MS-DOS 386/486 computers	Chan	176
texbook	The source of The T <sub>E</sub> Xbook	Knuth	295
texbuch	"The little T <sub>E</sub> XBook"	Cremer	187
TeXbyTopic	Freed version of the book T <sub>E</sub> X by Topic	Eijkhout	204
texcad32	Win32 drawing package for mathematical diagrams	Unknown	510
texchord	Typeset guitar-chord diagrams	Hoffman	259
TeXcount	Count words in a L <sup>A</sup> T <sub>E</sub> X document	Rødland	417
texdate	Date printing, formatting, and manipulation in T <sub>E</sub> X	Goodman	233
texdef	Display the definitions of T <sub>E</sub> X commands	Scharrer	431
texdepend	Find dependencies in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	222
texdeps	Find the dependencies of a (La)TeX file	Cozens	187
texdiff	Compare documents and produce tagged merge	Doll, Günay	195
texdimens	Conversion of T <sub>E</sub> X dimensions to decimals	Burnol	167
texdirflatten	Collect files related to a L <sup>A</sup> T <sub>E</sub> X job in a single directory	Günay	242

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
texdoc	Documentation access for T <sub>E</sub> X Live	Asakura, Esser, Pégourié-Gonnard, T <sub>E</sub> XLive	138
texdoctk	Easy access to package documentation	Ruedas, Harcombe	426
texdraw	Graphical macros, using embedded PostScript	Kabal	277
texed	A T <sub>E</sub> X shell for OS/2	Stippich	463
texemplar	A class for the journal of CervanTeX	Bezos López	323
texfaq	A compilation of Frequently Asked Questions with answers	Fairbairns	208
texfilt	A (La)TeX log filter	Baker	139
TeXFindPkg	Query or install T <sub>E</sub> X packages and their dependencies	Lyu	333
texfot	Filter clutter from the output of a T <sub>E</sub> X run	Berry	151
TeXhax	Digests of a general T <sub>E</sub> X mailing list	Unknown	510
texi2dvi-latest	Process Texinfo or (La)TeX source to DVI	Friedman	222
texi2html	Converts T <sub>E</sub> Xinfo to HTML	Price, Dumas, Berry, Cons	400
texi2roff	Translate texinfo to troff	Erlebacher	207
texi2www	Converts texinfo to display on the Web	Singletary	452
texilikechaps	Format chapters with a texi-like format	Rivera	412
texi-like cover	A cover-page package, like T <sub>E</sub> Xinfo	Simões	452
texindex	Simple indexing using standard Unix commands	Unknown	510
texinfo-latest	Current releases of texinfo.tex and texi2dvi	Free Software Foundation	221
texinfo	Texinfo documentation system	Free Software Foundation	221
TeXLab	L <sup>A</sup> TeX Language Server	Förster	219
TeXline	A T <sub>E</sub> X-based magazine	Clark	182
texlipse	L <sup>A</sup> TeX plugin for Eclipse	von Loesch, Hupponen, Karlsson, Laitinen, Ojala, Pirinen, Seuranen, Takkinen	321
texlist	Typeset program listings	Forkosh	219
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	485
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 7 and derived distributions	Tennent	485
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 8 and derived distributions	Tennent	485
texlive-dummy-e...	Dummy T <sub>E</sub> X Live RPM for use with RHEL 6 and derived distributions	Tennent	485
texlive-dummy-f...	Dummy T <sub>E</sub> X Live RPM for use with Fedora and similar distributions	Seliger	443
texlive-dummy-o...	Dummy T <sub>E</sub> X Live RPM for use with Open SUSE	Niepraschk	367
texlive-repo	A mirror of the T <sub>E</sub> X Live repository	T <sub>E</sub> XLive	489
TeX Live source...	Sources of the T <sub>E</sub> X Live distribution	T <sub>E</sub> XLive	489
texlive	A comprehensive distribution of T <sub>E</sub> X and friends	T <sub>E</sub> XLive	489
texliveonfly	On-the-fly download of missing T <sub>E</sub> X live packages	Naranong	361
texlog-extract	Extract errors and warnings from T <sub>E</sub> X logs	Dekker	192
texloganalyser	Analyse T <sub>E</sub> X logs	van Oudenhove	381
texlogfilter	Filter L <sup>A</sup> TeX engines output or log file	Labbé	309
texlogos	Ready-to-use L <sup>A</sup> TeX logos	Ruzyczka	427
texlogsieve	Filter and summarize L <sup>A</sup> TeX log files	Lago	309
TeXmacs	Structured text editor for T <sub>E</sub> X	van der Hoeven	259
texmalli	A quick Finnish introduction to using L <sup>A</sup> TeX	Kaijanaho	277
TeXmate	Comprehensive chess annotation in L <sup>A</sup> TeX	Garcia-De Castro	175
texments	Using the Pygments highlighter in L <sup>A</sup> TeX	Kubica	305
TeXmuse	Music typesetting system using T <sub>E</sub> X and Metafont	Garcia-De Castro	175
texnegar	Kashida justification in X <sub>Y</sub> L <sup>A</sup> TeX and LuaLaTeX	Movahhedian	355
TeXnicCenter	An IDE for L <sup>A</sup> TeX on MSWindows	Wiegand	537
texonly	A sample document in Plain T <sub>E</sub> X	Borck-Elsner	157
texosquery	Cross-platform Java application to query OS information	Talbot	478
texpack	Create documented L <sup>A</sup> TeX classes, packages and docs in a Unix environment	Lulli	331
texperf	A WordPerfect to L <sup>A</sup> TeX translator	Forkosh	219
texpict	Create drawings for L <sup>A</sup> TeX	Ribo	410
texpictex	Use tpic special commands in PiCTeX	Grunwald	241



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texplate	A tool for creating document structures based on templates	Cereda	175
texpower	Create dynamic online presentations with L <sup>A</sup> T <sub>E</sub> X	Lehmke, Nordhaug	315
TeXProject	A package for project management	Bressan, Gurari	162
TeXProposal	A proposal prototype for L <sup>A</sup> T <sub>E</sub> X promotion in Chinese universities	Zhennan	556
texref	Find cross-references in a L <sup>A</sup> T <sub>E</sub> X file	Friendly	223
texshade	Package for setting nucleotide and peptide alignments	Beitz	149
TeXshell	X-Window Shell for T <sub>E</sub> X	Mittelbach	352
texshell32	A free T <sub>E</sub> XShell for MS-Windows 95 and NT	Struve	468
texshop	TeX front end for use on MacOS X	Koch	296
TeXsis	Plain T <sub>E</sub> X macros for Physicists	Myers, Paige	360
texsketch	A drawing package for OS/2	Bahnes	139
texsort	Sort/compress numerical lists	Tolušis	497
texspell	A L <sup>A</sup> T <sub>E</sub> X spelling checker	Eckl	203
texsurgery	A L <sup>A</sup> T <sub>E</sub> X companion to the “texsurgery” python project	Angulo	133
TeX T1	TeX format from Washington State University	Guenther	241
text2bib	A PHP script to convert references to BibTeX	Osborne	381
textarea	Control the text area dynamically	Rozhenko	426
textcase	Case conversion ignoring mathematics, etc	Carlisle	172
textcomp	L <sup>A</sup> T <sub>E</sub> X support for the Text Companion fonts	Rahtz	403
textcsc	Simple commands for caps-to-small-caps text	Granet	236
textfit	Fit text to a desired size	Rahtz, Taylor	404
textglos	Typeset and index linguistic gloss abbreviations	Weber	534
textgreek	Upright greek letters in text	Michlmayr	346
textmerg	Merge text in T <sub>E</sub> X and L <sup>A</sup> T <sub>E</sub> X	Piff, Fairbairns, Carlisle	395
textool	A SunOS DVI viewer	Ilieve	267
texttoolspro	Tools for documentation written in L <sup>A</sup> T <sub>E</sub> X	Algaba	132
textopo	Annotated membrane protein topology plots	Beitz	149
textpath	Setting text along a path with MetaPost	Hennig	256
textpos	Place boxes at arbitrary positions on the L <sup>A</sup> T <sub>E</sub> X page	Gray	238
textualcomma	Use the textual comma character as decimal separator in math mode	Friedl	222
textures-metrics	Adobe font metrics, converted for use with Textures	Kahn	277
texvc	Use MediaWiki L <sup>A</sup> T <sub>E</sub> X commands	Schubotz	439
texware	Utility programs for use with T <sub>E</sub> X	Knuth	295
tfmpk	A viewer for tfm and pk font files	Medini	345
TFMPKtest	Check and correct checksums of TFM and PK files	Larchey, Roegel, Rossi	311
tfroupee	A font offering the new (Indian) Rupee symbol	Jørgensen	275
tgothic	Gothic Textura Quadrata manuscript book-hand font	Wilson	541
tgrind	Produce beautiful program listings using plain T <sub>E</sub> X	Jacobson	270
tgrind209	Support tgrind in L <sup>A</sup> T <sub>E</sub> X 2.09	Unknown	510
thai-rmit	A font for Thai script	Kent	281
thai-usl	A font for Thai script	Kent	281
thaienum	Thai labels in enumerate environments	Janthong	271
thaifonts-arundina	DejaVu-compatible Thai fonts	Karoonboonyanan	279
ThailaTeX	Typeset Thai texts with standard L <sup>A</sup> T <sub>E</sub> X classes	Karoonboonyanan	279
thaispec	Thai Language Typesetting in X <sub>Y</sub> -L <sup>A</sup> T <sub>E</sub> X	Promkam	400
thalie	Typeset drama plays	Paternault	388
theanodidot	TheanoDidot fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	486
theanomodern	Theano Modern fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	486
theanooldstyle	Theano OldStyle fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	486
theapa	APA (American Psychology Association) Reference Citation for L <sup>A</sup> T <sub>E</sub> X	Ryu	427
theatre	A sophisticated package for typesetting stage plays	Hinque	258
theorem	Manipulate theorem environments	Mittelbach, L <sup>A</sup> T <sub>E</sub> X Team	352
theoremref	References with automatic theorem names	Jeřábek	273
thepdfnumber	Print PDF numbers with minimal digits	Oberdiek	376
thermodynamics	Macros for multicomponent thermodynamics documents	Hammond	246

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
these	Bibliography style for French theses	Herrb	256
thesis-ekf	Thesis class for Eszterházy Károly Catholic University	Tómacs	498
thesis-gwu	Thesis class for George Washington University School of Engineering and Applied Science	Kulumani	306
thesis-qom	Thesis style of the University of Qom, Iran	Razavian	407
thesis-titlepag...	Little style to create a standard titlepage for diploma thesis	Lamers	310
thesis	Typeset thesis	Matiaske	340
thinsp	A stretchable $\backslash$ thinspace for L <sup>A</sup> T <sub>E</sub> X	Jørgensen	276
thirteen	Print dates of Friday 13th days	Unknown	510
thmbox	Decorate theorem statements	Beffara	148
thmtools	Extensions to theorem environments	Schwarz, Chou	441
thorshammer	Assessment based on AcroTeX quizzes	Story	467
threadcol	Organize document columns into PDF “article thread”	Pakin	384
threecol	Three-column newsletter output	Unknown	510
threecolumn	L <sup>A</sup> T <sub>E</sub> X output in three columns	Greenwade	239
threeddice	Create images of dice with one, two, or three faces showing, using MetaPost	Luecking	331
3DLDf	Three-dimensional drawing with MetaPost output	Finston	215
threeparttable	Tables with captions and notes all the same width	Arseneau	136
threeparttablex	Notes in longtables	Madsen	335
thrmappendix	Theorems, lemmas, etc., in appendix	Klemens	290
thsmc	Metrics and L <sup>A</sup> T <sub>E</sub> X support for Sans Mono Condensed Font	Veytsman	520
thuaslogos	Logos for The Hague University of Applied Sciences (THUAS)	op den Brouw	163
thubeamer	A beamer theme for Tsinghua University	Yang	548
thucoursework	Coursework template for Tsinghua University	Zhao	555
thumb	Thumb marks in documents	Holm Christensen	181
thumbpdf	Thumbnails for pdfTeX and dvips/ps2pdf	Oberdiek	376
thumbs	Create thumb indexes	Münch	357
thumby	Create thumb indexes for printed books	Goldgaber	231
thuthesis	Thesis template for Tsinghua University	Xue, Tsinghua University	547
tib	A bibliographic preprocessor	TUNA Association	
tibetan	An early L <sup>A</sup> T <sub>E</sub> X Tibetan package	Alexander, Kremer, Kolb	131
ticket	Make labels, visiting-cards, pins with L <sup>A</sup> T <sub>E</sub> X	Schwartz, Knight, Wujastyk	441
ticcollege	Graphical representation of keys on a standard scientific calculator	Emmel	206
tidyres	Create formal resumes easily	De Sousa	456
tie	Allow multiple web change files	Liang	319
tif2eps	A PostScript program for converting TIFF files to EPS	Guntermann	242
tiff	The tiff graphics package	Jackowski, Pianowski, Strzelczyk	269
tikz-3dplot	Coordinate transformation styles for 3d plotting in TikZ	Leffler	315
tikz-among-us	Create some AmongUs characters in TikZ environments	Hein	252
TikZ-Bagua	Draw Bagua symbols in Yijing	Zucatelli	558
tikz-bayesnet	Draw Bayesian networks, graphical models and directed factor graphs	WANG	533
tikz-bbox	Precise determination of bounding boxes in TikZ	Luttinen	333
tikz-cd	Create commutative diagrams with TikZ	Unknown	510
tikz-dependency	A library for drawing dependency graphs	Stoffel	463
tikz-dimline	Technical dimension lines using PGF/TikZ	Pighin	395
tikz-ext	A collection of libraries for PGF/TikZ	Gross	241
TikZ-FeynHand	Feynman diagrams with TikZ	Unknown	510
tikz-feynman	Feynman diagrams with TikZ	Dohse	195
tikz-imagelabels	Put labels on images using TikZ	Ellis	205
tikz-inet	Draw interaction nets with TikZ	Plüss	397
tikz-kalender	A L <sup>A</sup> T <sub>E</sub> X based calendar using TikZ	de Falco	211
tikz-karnaugh	Typeset Karnaugh maps using TikZ	Niepraschk	367
		Laus	312

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tikz-ladder	Draw ladder diagrams using TikZ	Laus	312
tikz-lake-fig	Schematic diagrams of lakes	Stachelek	460
tikz-layers	TikZ provides graphical layers on TikZ: "behind", "above" and "glass"	Moutinho	355
tikz-mirror-lens	Spherical mirrors and lenses in TikZ	Zucatelli	558
tikz-nef	Create diagrams for neural networks constructed with the methods of the Neural Engineering Framework (NEF)	Gosmann	234
tikz-network	Draw networks with TikZ	Hackl	243
tikz-nfold	Triple, quadruple, and n-fold paths with TikZ	Schulz	440
tikz-opm	Typeset OPM diagrams	Hoffmann	260
tikz-optics	A library for drawing optical setups with TikZ	Fruchart	223
tikz-osci	Produce oscilloscope "screen shots"	Giauffret	228
tikz-page	Small macro to help building nice and complex layout materials	Gross	241
tikz-palattice	Draw particle accelerator lattices with TikZ	Schmidt	433
TikZ-planets	Illustrate celestial mechanics and the solar system	Santos	428
tikz-qtree	Use existing qtree syntax for trees in TikZ	Chiang	180
tikz-relay	TikZ library for typesetting electrical diagrams	Laus	312
tikz-sfc	Symbols collection for typesetting Sequential Function Chart (SFC) diagrams (PLC programs)	Laus	312
tikz-swigs	Horizontally and vertically split elliptical nodes	Richardson	410
tikz-timing	Easy generation of timing diagrams as TikZ pictures	Scharrer	431
tikz-trackschem...	A TikZ library for creating track diagrams in railways	Scheidt	432
tikz-truchet	Draw Truchet tiles	Scroggs	442
tikz2d-fr	Work with some 2D TikZ commands (French)	Pierquet	394
tikz3d-fr	Work with some 3D figures	Pierquet	394
TikZbricks	Drawing bricks with TikZ	Unknown	510
tikzcodeblocks	Helps to draw codeblocks like scratch, NEPO and PXT in TikZ	Salamon	427
TikZducks	A little fun package for using rubber ducks in TikZ	Unknown	510
tikzfill	TikZ libraries for filling with images and patterns	Sturm	469
tikzinclude	Import TikZ images from collections	Schwenk, Berg	442
TikZlings	A collection of cute little animals and similar creatures	Unknown	510
tikzmark	Use TikZ's method of remembering a position on a page	Stacey	460
TikZmarmots	Drawing little marmots in TikZ	Unknown	510
tikzorbital	Atomic and molecular orbitals using TikZ	Salvato-Vallverdu	428
tikzpackets	Display network packets	Paciorek	382
tikzpagenodes	A single TikZ node for the whole page	Scharrer	432
tikzpeople	Draw people-shaped nodes in TikZ	Fleischhacker	216
tikzpfeile	Draw arrows using PGF/TikZ	Fütterer, Zachhuber	224
Tikzpingus	Penguins with TikZ	Sihler	451
tikzposter	Create scientific posters using TikZ	Richter, Barnard, Botoeva, Surmann	411
tikzscale	Resize pictures while respecting text size	Häcker	243
tikzsymbols	Some symbols created using TikZ	Vitecek	522
tikzsvg	A utility for rendering TikZ diagrams to SVG	Unknown	510
tikzviolinplots	Draws violin plots from data	Callil-Soares	169
tile-graphic	Create tiles of a graphical file	Story	467
tilings	A TikZ library for drawing tiles and tilings	Stacey	460
timbreicmc	Typeset documents with ICMC/USP watermarks	Frasson	221
time-gen	Print the time (12-hour clock)	Sen	444
time	Defines a macro \now to print the current time	Piff, Fairbairns, Carlisle	395
timeline	Typeset time-lines, for planning, etc	Unknown	511
times	Select Adobe Times Roman (or equivalent) as default font	Rahtz	403
timetab	Typeset timetables	Oetiker	377
timetable	Generate timetables	Verunek	517
timing-diagrams	Draw timing diagrams	Moy	355
timing	Fonts and macro package for drawing timing diagrams	May, Leilich	341

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tinot	Tinos fonts with L <sup>A</sup> T <sub>E</sub> X support	Tennent	486
tinyct1	Pretty print C/C++/Java source code using L <sup>A</sup> T <sub>E</sub> X	Plugge	397
tip	Macro examples from “TeX in Practice”	von Bechtolsheim	146
tipa-de	German translation of tipa documentation	Leistner	316
tipa	Fonts and macros for IPA phonetics characters	Rei	408
tipauni	Producing Unicode characters with TIPA commands	Unknown	511
tipfr	Produces calculator’s keys with the help of TikZ	De Sousa	456
tipos	Description of fonts for T <sub>E</sub> X, in Spanish	Bezos López	323
tiscreen	Mimic the screen of older Texas Instruments calculators	Ibrahim	267
titlecaps	Setting rich-text input into Titling Caps	Segletes	443
titlefoot	Add special material to footer of title page	Presnell	399
titlepage-uni-d...	Titlepage for University of Dortmund (Germany)	Sebastiani	442
titlepages	Sample titlepages, and how to code them	Wilson	541
titlepic	Add picture to title page of a document	ten Cate	175
titles	Page style control	Bezos López	323
titleref	A “\titleref” command to cross-reference section titles	Arseneau	136
titles	Titles of books, articles, etc. in L <sup>A</sup> T <sub>E</sub> X	Swift	471
titlesec	Select alternative section titles	Bezos López	323
titletoc	Alternative headings for toc/lof/lot	Bezos López	323
titling	Control over the typesetting of the \maketitle command	Robertson, Wilson	416
tkbibtex	A portable editor and browser for BibTeX files	Corke	186
tkdvi	DVI previewer built with the Tcl/Tk toolkit	Lingnau	320
tkhyph	Hyphenation patterns for Turkish	MacKay	334
tktexcad	Generate L <sup>A</sup> T <sub>E</sub> X picture environments	Straube	467
tkz-base	Tools for drawing with a cartesian coordinate system	Matthes	340
tkz-berge	Macros for drawing graphs of graph theory	Matthes	340
tkz-bernoulli	Draw Bernoulli trees with TikZ	Pierquet	394
tkz-doc	Documentation macros for the TKZ series of packages	Matthes	340
tkz-elements	A Lua library for drawing Euclidean geometry with TikZ or tkz-euclide	Matthes	340
tkz-euclide	Tools for drawing Euclidean geometry	Matthes	340
tkz-fct	Tools for drawing graphs of functions	Matthes	341
tkz-graph	Draw graph-theory graphs	Matthes	341
tkz-kiviat	Draw Kiviat graphs	Matthes	341
tkz-linknodes	Link nodes in mathematical environments	Matthes	341
tkz-orm	Create Object-Role Model (ORM) diagrams	Voß, Staps	529
tkz-tab	Tables of signs and variations using PGF/TikZ	Matthes	341
tkzexample	Package for the documentation of all tkz-* packages	Matthes	341
tlaunch	A Windows GUI to run a networked T <sub>E</sub> X Live as if installed locally	Kroonenberg	303
tlc-article	A L <sup>A</sup> T <sub>E</sub> X document class for formal documents	Howard	264
tlc2-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Companion, Second Edition	Mittelbach, Goossens	351
tlc2-examples	Examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, second edition	Mittelbach	350
tlc3-examples	All examples from “The L <sup>A</sup> T <sub>E</sub> X Companion”, third edition	Mittelbach	350
TL Cockpit	A GUI frontend to T <sub>E</sub> X Live Manager (tlmgr)	Preining	399
tlg2latex	Prepare L <sup>A</sup> T <sub>E</sub> X from the Thesaurus Linguae Graecae	Rouquette	423
tlmgr-intro-zh-cn	A short tutorial on using tlmgr in Chinese	Sun	469
tlmgrBasics	A simplified documentation for tlmgr	Tennent	486
tmmath-fonts	Bitmap versions of the Micropress TM-Math fonts (Times Maths)	MicroPress	347
tmmath	Support for using the Micropress TM-Math fonts	Schmidt, Harcombe	435
tmview	A DVI previewer for SVGA displays	Moor	352
to-be-determined	Highlight text passages that need further work	Bugayenko	166
toc-zar	Plain T <sub>E</sub> X table of contents macros	Zirin	556
toc	Table of contents macros for Plain T <sub>E</sub> X	Unknown	511
tocbasic	Management of tables/lists of contents (and the like)	Kohm	299
tocbibind	Add bibliography/index/contents to Table of Contents	Robertson, Wilson	416

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
tocdata	Adds names to chapters, sections, figures in the TOC and LOF	Dunn	201
tocenter	Centring (and other) Page Layout	Rozhenko	426
tocloft	Control table of contents, figures, etc	Robertson, Wilson	416
tocstyle	Define style of Table of contents (etc) files	Kohm	299
tocvsec2	Section numbering and table of contents control	Robertson, Wilson	416
todo	Make a to-do list for a document	Garcia-De Castro	175
todonotes	Marking things to do in a L <sup>A</sup> T <sub>E</sub> X document	Midtiby	347
toil	An installer of PostScript fonts for T <sub>E</sub> X	Jackowski, Pianowski, Strzelczyk	270
tokcycle	Build tools to process tokens from an input stream	Segletes	443
tokenizer	A tokenizer	Herpers	256
tolkienfonts	Use TTF "Tolkien" fonts from the WWW with pdfTeX	Barton	142
toneval	Tool for linguists and phoneticians to visualize tone value patterns	Chen	178
toolbox	Tool macros	Väth	515
topcapt	Place captions above figures or tables	Fairbairns, Carlisle	209
topfloat	Move floats to the top of the page	Macchia	334
topiclongtable	Extend longtable with cells that merge hierarchically	Brasolin	161
TOPletter	Letter class for the Politecnico di Torino	Torchiano	498
topsection	An un-numbered top level section	Rozhenko	426
TOPtesi	Bundle for typesetting multilanguage theses	Beccari	146
totalcount	Commands for typesetting total values of counters	Sommerfeldt	456
totcount	Find the last value of a counter	Koutavas	302
totpages	Count pages in a document, and report last page number	Müller	356
tpcmfont	Computer modern fonts in "true point sizes"	Knuutila	296
tpic2pdfTeX	Use tpic commands in pdfTeX	Henkel, T <sub>E</sub> XLive	255
tpslifonts	A L <sup>A</sup> T <sub>E</sub> X package for configuring presentation fonts	Lehmke	315
TpX	A drawing tool for Windows	Tsyplakov	501
tqft	Drawing TQFT diagrams with TikZ/PGF	Stacey	460
tr2latex	Translate troff source to L <sup>A</sup> T <sub>E</sub> X	Engel, Jagdman, Al-Yahya	206
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	352
tracking	Adjust tracking of strings	Glazkov	230
tracklang	Language and dialect tracker	Talbot	478
trademarks	A collection of trademarks and the like	Unknown	511
trajan	Fonts from the Trajan column in Rome	Wilson	541
tram	Typeset tram boxes in L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	283
tramlines	A package for creating tramlines (lines above and below a title used by lawyers in the UK)	Granet	236
trans	A simple T <sub>E</sub> X macro package for PostScript transformations	BOP	156
transfig	Transform xfig pictures into many other formats	Smith	454
translation-arr...	French translation of the documentation of array	Drucbert	199
translation-ars...	German version of arsclassica	Römer, Gessinger	420
translation-bib...	German translation of the User Guide for BibLaTeX	Römer	419
translation-boo...	French translation of the documentation of booktabs	Drucbert	199
translation-che...	German version of chemsym	Römer, Heuke	420
translation-dco...	French translation of the documentation of dcolumn	Drucbert	199
translation-ecv-de	Ecv documentation, in German	Römer, Vogel	420
translation-enu...	Enumitem documentation, in German	Ludwig, Römer	330
translation-eur...	German version of europecv	Römer, Fischer	420
translation-fil...	German version of filecontents	Römer, Berndt	420
translation-foo...	A German translation of the documentation of footmisc	Römer	420
translation-mor...	German version of moreverb	Römer, Biniok	420
translation-nat...	French translation of the documentation of natbib	Drucbert, Daly	199
translation-pst...	A German translation of the documentation of pst-jtree	Römer	420
translation-tab...	French translation of the documentation of Tabbing	Drucbert	199



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
translations	Internationalisation of L <sup>A</sup> T <sub>E</sub> X 2e packages	Niederberger	366
translator	Easy translation of strings in L <sup>A</sup> T <sub>E</sub> X	Wright	545
Transparent-IO	Show for approval the filenames used in \input, \openin, or \openout	Wermuth	536
transparent	Using a color stack for transparency with pdfT <sub>E</sub> X	Oberdiek	376
tree-dvips	Trees and other linguists' macros	Pease	389
treedef	Macros to typeset trees in Plain T <sub>E</sub> X	Eppstein	207
treesvr	Tree macros	Vanroose	514
treetex-ltx209	Draw horizontally- or vertically-oriented trees	Bloesch	154
treetex-plain	Draw trees	Brueggemann-Klein, Wood	164
trfsigns	Typeset transform signs	Rascher	405
trig	Simple trigonometric functions	Carlisle, L <sup>A</sup> T <sub>E</sub> X Team	174
trigonometry	Demonstration code for cos and sin in T <sub>E</sub> X macros	Taylor	481
trimspaces	Trim spaces around an argument or within a macro	Robertson	413
trivfloat	Quick float definitions in L <sup>A</sup> T <sub>E</sub> X	Wright	545
trsym	Symbols for transformations	Holfert	262
truchet	Truchet tiling in MetaPost	Roegel	418
truecols	Colour facilities for S <sub>L</sub> T <sub>E</sub> X	Love	327
truetypermetrics	Metrics for some TrueType font families	Penninga	390
TrueTypeToType42	Generate a Type 42 font from a TrueType font	Barton	143
truncate	Truncate text to a specified width	Arseneau	136
truthtable	Automatically generate truth tables for given variables and statements	Flück	218
TrY	Automation of T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X compilation	Tex	486
tsconfig	Setup support for T <sub>E</sub> Xshell	Nitschke	368
tsemelines	Support for the ancient \emline macro	Schlemmer	433
tsipa	Macros and fonts to produce IPA typesetting	Hajime, Rei, Shun	245
tsvtemplate	Apply a template to a tsv file	Renkema	410
tt2001	Type 1 EC fonts generated by T <sub>E</sub> Xtrace	Szabó	474
ttf-howto	Using TrueType fonts with T <sub>E</sub> X systems	Harders	249
ttf2mf	Convert True Type fonts to Metafont	Motygin	355
ttf2ptfb	Make an Adobe Type 1 version of a TrueType font	Lemberg	317
ttf2pt1	Convert TrueType fonts to Adobe Type 1 format	Weeks, Siegert, Henlich	534
ttf2tex	Use TrueType fonts with t <sub>E</sub> T <sub>E</sub> X	Lehman	315
ttftogf	Convert True Type fonts to GF format	Vasil'ev	515
tth	A T <sub>E</sub> X to HTML translator	Hutchinson	266
ttn	TeX and TUG news archive	Thiele	494
ttt	A Tibetan Transcript Transliterator for L <sup>A</sup> T <sub>E</sub> X	Steiner	462
tucv	Support for typesetting a CV or résumé	Louthan	327
tuda-ci	L <sup>A</sup> T <sub>E</sub> X templates of Technische Universität Darmstadt	Peischl	390
tudscr	Corporate Design of Technische Universität Dresden	Hanisch	246
tufte-latex	Document classes inspired by the work of Edward Tufte	Godby	231
tugboat-plain	Plain T <sub>E</sub> X macros for TUGboat	Beeton, Berry	148
tugboat-toc	An accumulation of TUGboat tables of contents	Beeton	148
tugboat	L <sup>A</sup> T <sub>E</sub> X macros for TUGboat articles	Fairbairns, Berry	208
tui	Thesis style for the University of the Andes, Colombia	Vaughan	516
turabian-format...	Formatting based on Turabian's Manual	Abdool	128
turabian	Create Turabian-formatted material using L <sup>A</sup> T <sub>E</sub> X	Surber	469
turkish	L <sup>A</sup> T <sub>E</sub> X Support for Typesetting Turkish	MacKay	334
turkishintro	An introduction to L <sup>A</sup> T <sub>E</sub> X, in Turkish	Rakhimov	405
turkmen	Babel support for Turkmen	Annagurban	133
turnstile	Typeset the (logic) turnstile notation	Buchsbaum, Reinaldo	164
turnthepage	Provide "turn page" instructions	Merciadri	346
TVS	TeX Versioning System	Antos	133
twcal	Calligraphic font for typesetting handwriting	Weinmann	535
tweb	A web system for T <sub>E</sub> X macro sources	Bzyl	169
twemoji-colr	Twemoji font in COLR/CPAL layered format	Zeng	554

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
twemojis	Use Twitter's open source emojis through L <sup>A</sup> T <sub>E</sub> X commands	Rossel	421
twocolumns	Knuth's two-column output macros	Knuth	295
zin1	Print two pages on a single page	Saxena	429
twoopt	Definitions with two optional arguments	Oberdiek	376
twoside	Two-side typesetting in Plain T <sub>E</sub> X	Unknown	511
twoup-gen	Macros to print two-up	Van Zandt, Voß	553
twoup1tx	Print two virtual pages on each physical page	Hansen	246
txfonts	Times-like fonts in support of mathematics	Ryu	427
txfontsb	Extensions to txfonts, using GNU Freefont	Tsolomitis	500
txgreek	Shape selection for TX fonts Greek letters	Burnol	167
txp	Draw text along a path	Muelas	355
txt	Output documents via terminals, line printers, etc	Droms	198
txt2latex	Convert text by fixing special chars and quote marks	Miller	349
txt2tex	Add L <sup>A</sup> T <sub>E</sub> X markup to plain text	Jansons	271
TXUprCal	Upright calligraphic font based on TX calligraphic	Sharpe	447
type1cm	Arbitrary size font selection in L <sup>A</sup> T <sub>E</sub> X	Carlisle	172
type1ec	Permit EC, TC and LH fonts at arbitrary sizes	Volovich	524
typearea	Set page margins	Kohm, Neukam	300
typed-checklist	Typesetting tasks, goals, milestones, artifacts, and more in L <sup>A</sup> T <sub>E</sub> X	Grewe	240
typedref	Eliminate errors by enforcing the types of labels	Seidman, Ashton	443
typeface	Select a balanced set of fonts	Jones	274
typehtml	Typeset HTML directly from L <sup>A</sup> T <sub>E</sub> X	Carlisle	172
typeoutfileinfo	Display class/package/file information	Lück	329
typespec	Create font samplers	Moye	355
typewriter	Typeset with a randomly variable monospace font	Carlisle	172
typicons	Font containing a set of web-related icons	Vigil	521
typoid	Macros for font diagnostics	Ratti	406
typografie	A tutorial on typography	Reichert	408
typogrid	Print a typographic grid	Harders	249
tzplot	Plot graphs with TikZ abbreviations	Cho	181
<b>UUUUU</b>			
u8tex	Input Unicode characters in T <sub>E</sub> X notation, in emacs	Pokrovsky	397
uaclases	University of Arizona thesis and dissertation format	Oliver	378
uafthesis	Document class for theses at University of Alaska Fairbanks	Holbrook	262
uantwerpendocs	Course texts, master theses, and exams in University of Antwerp style	Daems	188
uassign	Environments and options for typesetting university assignments	Esau	207
ucalgmthesis	L <sup>A</sup> T <sub>E</sub> X thesis class for University of Calgary Faculty of Graduate Studies	Zach	552
ucbthesis	Thesis and dissertation class supporting UCB requirements	Vojta, Gildea	523
ucdavisthesis	A thesis/dissertation class for University of California at Davis	Scott	442
ucharcat	Implementation of the (new in 2015) XeTeX \Ucharcat command in lua, for LuaTeX	Carlisle	172
ucharclasses	Font actions in XeTeX according to what is being processed	Kamermans	278
ucph-revy	Musical script formatting	Levin Hansen	246
ucs	Extended UTF-8 input encoding support for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh, Carlisle	272
ucsmonograph	Typesetting academic documents from the University of Caxias do Sul	Baron	141
ucthesis	University of California thesis format	Gildea	228
ucthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 document style for UC Theses	Munson	358
udes-genie-these	A thesis class file for the Faculté de génie at the Université de Sherbrooke	Brunet	164
udesoftec	Thesis class for the University of Duisburg-Essen	Schuler	439
uebungsblatt	A L <sup>A</sup> T <sub>E</sub> X class for writing exercise sheets	Akkerman	130
uestcthesis	Thesis class for UESTC	Fujun	223
ufrgscca	A bundle for undergraduate students final work/report (tcc) at UFRGS/EE	Frigeri	223

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
ugarite	Fonts for Ugaritic cuneiform script	Wilson	541
ugaritic	A font for Ugaritic	Stanier	460
uhc	Fonts for the Korean language	Un	503
uhhassignment	A document class for typesetting homework assignments	Wittenburg	542
uhrzeit	Time printing, in German	Meltzer	345
uhthesis	University of Houston thesis document style	Georgakopoulos	226
uiucredborder	Class for UIUC thesis red-bordered forms	Pakin	384
uiucthesis	UIUC thesis class	Czoschke, Hull	188
ukbill	A class for typesetting UK legislation	Granet	236
ukdate	Typeset date in a UK-ish form	Clark	182
ukhyph	Hyphenation patterns for British English	Wujastyk, Taylor	545
ukrhyph	Hyphenation Patterns for Ukrainian	Shvaika, Polyakov, Vulis	449
UK-TeX	The UK T <sub>E</sub> X digest	Unknown	511
uktug-bask	Old copies and sources of Baskerville	UK TeX Users Group	502
ulem	Package for underlining	Arseneau	137
ulqda	Support of Qualitative Data Analysis	Griffin	240
ulsy-ps	Extra mathematical characters in Adobe Type 1 format	Goldschmitt, Henel	232
ulsy	Extra mathematical characters	Goldschmitt	232
ulthese	Thesis class and templates for Université Laval	Lasou, Goulet	312
Ultra-TeX	An emacs T <sub>E</sub> X mode with "lightning completion"	Palmieri	385
umbclegislation	A L <sup>A</sup> T <sub>E</sub> X class for building legislation files for UMBC Student Government Association Bills	DasSarma	191
umich-thesis	University of Michigan Thesis L <sup>A</sup> T <sub>E</sub> X class	Kleb	288
UML	UML diagrams in L <sup>A</sup> T <sub>E</sub> X	Gjelstad	230
umlaute	German input encodings in L <sup>A</sup> T <sub>E</sub> X	Sommerfeldt	456
umoline	Underline text allowing line breaking	Nakashima	361
umrand	Package for fancy box frames	Schrell, Hörstmeier	438
umthesis	Dissertations at the University of Michigan	Felty	212
umtypewriter	Fonts to typeset with the xgreek package	Syropoulos	472
unam-thesis	Create documents according to the UNAM guidelines	Camacho Bolaños	156
unamth-template	UNAM Thesis L <sup>A</sup> T <sub>E</sub> X Template	Velázquez	516
unamthesis	Style for Universidad Nacional Autonoma de Mexico theses	Freyre-Gonzalez	221
UnBTeX	A class for theses at University of Brasilia (UnB)	Ferreira	213
uncial	Uncial manuscript book-hand font	Wilson	541
undergradmath	L <sup>A</sup> T <sub>E</sub> X Math for Undergraduates cheat sheet	Hefferon	251
underlin-generic	Multi-word underlining	Gildea	229
underlin	Underlined running heads	Schöpf	437
underoverlap	Position decorations over and under expressions	Helvensteijn	253
underscore	Control the behaviour of " _ " in text	Arseneau	137
undertilde-gen	A simple macro for placing a tilde under a character	Unknown	511
undertilde	Typeset a tilde under one (or many) maths symbols	Bayart	144
undolabl	Override existing labels	Münch	357
undump	Make a new executable with format loaded	Thomas	495
unfinished	Mark unfinished parts of a document	Unknown	511
unfonts-core	TrueType version of Un-fonts	Un	503
unfonts-extra	TrueType version of Un-fonts	Un	503
uni-titlepage	Universal titlepages with configuration options and predefined styles	Kohm	300
uni-wtal-ger	Citation style for literary studies at the University of Wuppertal	Dahlmann	189
uni-wtal-lin	Citation style for linguistic studies at the University of Wuppertal	Dahlmann	189
unicode-alphabets	Macros for using characters from Unicode's Private Use Area	Eriksen	207
unicode-bidi	Experimental unicode bidi package for XeTeX	Khalighi, bidi-tex GitHub Organisation	283
unicode-data	Unicode data and loaders for T <sub>E</sub> X	Wright, L <sup>A</sup> T <sub>E</sub> X Team	545
unicode-math-input	Allow entering Unicode symbols in math formulas	user20729	513
unicode-math	Unicode mathematics support for XeTeX and LuaTeX	Robertson, Hosny	414

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
unicode	Extended UTF-8 input encoding for L <sup>A</sup> T <sub>E</sub> X	Jeltsch, Unruh	272
unicodetfonttable	A Unicode font table generator	Mittelbach	350
UnifilTh	Typeset theses for University of Florence (Italy)	Biccari	152
unifront	Give notes a unique front page for every chapter and section	Wei	535
unigrazpub	L <sup>A</sup> T <sub>E</sub> X templates for University of Graz Library Publishing Services	Peischl	390
unimath-plain-x...	OpenType math support in (plain) XeTeX	Zhang	555
uninormalize	Unicode normalization support	Hoftich	261
uniquecounter	Provides unlimited unique counter	Oberdiek	376
unisc	Unicode small caps with Lua/XeLaTeX	Unknown	511
unisugar	Define syntactic sugar for Unicode L <sup>A</sup> T <sub>E</sub> X	Gil	228
unitconv	Convert a length into one with another unit	Voß	528
unitipa	TIPA typefaces with Unicode characters as input	Unknown	511
unitn-bimrep	A bimonthly report class for the PhD School of Materials, Mechatronics and System Engineering	Ragni	403
units	Typeset units	Reichert	408
unitsdef	Typesetting units in L <sup>A</sup> T <sub>E</sub> X	Happel	246
universa	Herbert Bayer's 'universal' font	Holm Christensen	181
universalis	Universalis font, with support	Tennent	486
univie-ling	Papers, theses and research proposals in (Applied) Linguistics at Vienna University	Spitzmüller	458
unixman	Typeset to look like Unix man output	Barton-Davis	143
unizgklasa	A L <sup>A</sup> T <sub>E</sub> X class for theses at the Faculty Of Graphic Arts in Zagreb	Milin	348
unouter	Suppress \outer flags in Plain T <sub>E</sub> X	McManus	344
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	493
unravel	Watching T <sub>E</sub> X digest tokens	Le Floch	217
unswcover	Typeset a dissertation cover page following UNSW guidelines	Mehani	345
unswthesis	UNSW theses	Zaitseff	552
untex	Strip (La)TeX commands from source file	Staats, Endisch	459
uol-physics-report	A L <sup>A</sup> T <sub>E</sub> X document class for writing lab reports	Suchard	469
uothesis	Class for dissertations and theses at the University of Oregon	Anderson	133
uowthesis	Document class for dissertations at the University of Wollongong	Ye	551
uowthesisistitlepage	Title page for dissertations at the University of Wollongong	Griffiths	240
upca	Print UPC-A barcodes	Mrkus	355
updatemarks	Extract and update marks from boxes	Unknown	511
upgreek	Upright Greek letters	Schmidt, Harcombe	435
uplatex	pLaTeX2e and miscellaneous macros for upTeX	Maeda, Japanese T <sub>E</sub> X Team	335
upmendex	Multilingual index processor	Tanaka	479
UPmethodology	Writing specifications such as for UP-based methodologies	Galland	225
uppunctlm	Always keep upright shape for some punctuation marks and Arabic numerals	Kieda	284
upquote	Show "realistic" quotes in verbatim	Covington, Mittelbach, Kuhn	187
upref	Ensure references are upright	The AMS	488
uptex-base	Plain T <sub>E</sub> X formats and documents for upTeX	Maeda, Tanaka, Japanese T <sub>E</sub> X Team	335
uptex-fonts	Fonts for use with upTeX	Maeda, Japanese T <sub>E</sub> X Team, Tanaka	335
uptex	Unicode version of pTeX	Tanaka	479
upzhkinsoku	Supplementary Chinese kinsoku for Unicode *pTeX	Zhang	555
urcls	Beamer and scrlltr2 classes and styles for the University of Regensburg	Peischl	390
uri	Hyperlinks for a wide range of URIs	Münch	357
url	Verbatim with URL-sensitive line breaks	Arseneau	137
urlbst	Web support for BibTeX	Gray	238

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
urw-antiqua	URW Antiqua condensed font, for use with T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	513
urw-arial	URW Arial font pack for use with L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	513
URW-base35	URW ‘Base 35’ font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Peterlin, Schmidt	512
urw-garamond	URW Garamond No8 Adobe Type 1 fonts	Schmidt, Harcombe	435
URW-Grotesq	URW Grotesq font pack for L <sup>A</sup> T <sub>E</sub> X	URW GmbH, Schmidt, Harcombe	513
urw	URW free font support	URW GmbH	512
urwchancal	Use URW’s clone of Zapf Chancery as a maths alphabet	Sharpe	447
urwvf	Support for use of free URW fonts	Wierzbicki	538
uscthis	USC thesis style for L <sup>A</sup> T <sub>E</sub> X 2.09	Cochran	183
usebib	A simple bibliography processor	Gregorio	239
usenix	Style option to do Usenix conference proceedings	Steiner	462
ushort	Shorter (and longer) underlines and underbars	Väth	515
ushyph	US hyphenation patterns	Kuiken	306
uspace	Giving meaning to various Unicode space characters	Haisman	244
uspatent	U.S. Patent Application Tools for L <sup>A</sup> T <sub>E</sub> X and LyX	Pupalaikis	400
usrguide	User-mode documentation for L <sup>A</sup> T <sub>E</sub> X	L <sup>A</sup> T <sub>E</sub> X Team	493
ut-backref	Modified backref	Utcke	513
ut-thesis	University of Toronto thesis style	Pitt, Knight	396
utextthesis	University of Texas at Austin graduate thesis style	Brown	163
utf2any	Converting Unicoded text to L <sup>A</sup> T <sub>E</sub> X, HTML, etc	Kleiweg	290
utf8add	Additional support for UTF-8 encoded L <sup>A</sup> T <sub>E</sub> X input	Jørgensen	276
utf8mex	Tools to produce formats that read Polish language input	Bzyl, Wawrykiewicz	169
utfsym	Provides various Unicode symbols	Spittank	457
util-half	A half-tone font	Unknown	511
utopia	Adobe Utopia fonts	Adobe	129
utorontothesis	A thesis class definition for University of Toronto	Bernecky	151
utthesis	Thesis package for the University of Texas at Austin	Das	191
uvalletter	Unofficial letterhead template for the University of Amsterdam	Piazzai	392
uwa-colours	The colour palette of The University of Western Australia	Di Pietro	394
uwa-letterhead	The letterhead of the University of Western Australia	Di Pietro	394
uwa-pcf	A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia	Di Pietro	394
uwa-pif	A Participant Information Form (PIF) for a human research protocol at the University of Western Australia	Di Pietro	394
uwmslide	Slides with a simple Power Point like appearance	Benedict	150
uwthesis	University of Washington thesis class	Fox	220
uwthesis209	L <sup>A</sup> T <sub>E</sub> X 2.09 style for University of Washington theses	Fox	220
<b>VVVVV</b>			
va	Handwriting fonts	Ludewig	330
vak	BibTeX style for Russian Theses, books, etc	Melnikov	345
Vancouver	Bibliographic style file for Biomedical Journals	van der Beek	148
variablelm	Font definitions for the variable Latin Modern fonts	Kieda	284
variations	Typeset tables of variations of functions	Obrecht	377
varindent	Make paragraph indentation match the length of the line above	Arseneau	137
varindex	Luxury frontend to the \index command	Väth	515
varioref	Intelligent page references	Mittelbach	350
varisize	Change font size in Plain T <sub>E</sub> X	Hosek	263
varsects	A simple package for controlling headings	Taupin	480
varsfromjobname	Extract variables from the name of the L <sup>A</sup> T <sub>E</sub> X file	Ziegenhagen	556
varwidth	A variable-width minipage	Arseneau	137
vaucanson-g	PSTricks macros for drawing automata	Lombardy, Sakarovitch	322



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
vc	The vc (version control) bundle	Hennig, Hieber	256
vcell	Vertical alignment of content inside table cells	Dionne	195
vdm	Typesetting VDM schemas	Wolczko	542
vdmlisting	Typesetting VDM in ASCII syntax	Lausdahl	313
vector	L <sup>A</sup> T <sub>E</sub> X macros for vectors	Efford	203
venn	Creating Venn diagrams with MetaPost	Hefferon	251
venndiagram	Creating Venn diagrams with TikZ	Talbot	478
venturisADF	Venturis ADF fonts collection	Harendal, Rees	249
verbasef	VERBatim Automatic Splitting of External Files	Thompson	495
verbatim-gen	Generic macros for setting text verbatim	Taylor	481
verbatim-pln	Define new verbatim "environments" in Plain T <sub>E</sub> X	Unknown	511
verbatim-tub	Plain T <sub>E</sub> X macros for verbatim	Beeton	148
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	437
verbatimbox	Deposit verbatim text in a box	Segletes	443
verbatimcopy	Make copies of text documents from within L <sup>A</sup> T <sub>E</sub> X	Madsen, Diez	335
verbdef	Define commands which expand to verbatim text	Fairbairns, Carlisle	209
verbinp	"8-bit" verbatim	Perske	391
verbments	Syntax highlighting of source code in L <sup>A</sup> T <sub>E</sub> X documents	Zivković	557
verbtex	Verbatim, interpreting non-ascii text	Perske	391
verbtim2	Verbatim listings in Plain T <sub>E</sub> X	Morgan	354
verdana	Macros and metrics for using Verdana with L <sup>A</sup> T <sub>E</sub> X	Daems	188
verifica	Typeset (Italian high school) exercises	Dossena	197
verifiche	A L <sup>A</sup> T <sub>E</sub> X package to typeset (Italian) high school tests	Raccanello	402
verse	Aids for typesetting simple verse	Robertson, Wilson	416
version	Conditionally include text	Bellantoni, Arseneau	149
versions	Optionally omit pieces of text	Lück	329
versionotes	Display brief notes on verso pages	Gray	238
vertbars	Mark vertical rules in margin of text	Robertson, Wilson	416
vertex	Styles for economics working papers and journals	Varian	515
vf-howto	Tutorial on creating virtual fonts	Schmitz	436
vf-knuth	Knuth on virtual fonts	Knuth	295
vfcomb	VF author support	Berdnikov	150
vfinst	Virtual font installation support	Hoenig	259
vfware	Tools for virtual font metrics	Knuth	295
vgrid	Overlay a grid on the printed page	Lawrence	313
vhistory	Support for creating a change log	Wertenuer	536
vicentino	Vicentino fonts	Kraml, Kilfiger	302
vietnet	Preprocessor and macros for Vietnamese	Tran	498
viipart	7pt-article class	Zadka	552
viking	Scandinavian runic alphabet as used by the Vikings	Zimmermann	556
vispeech	Using Bell's Visible Speech alphabet	Shoulson	449
visualFAQ-fr	FAQ L <sup>A</sup> T <sub>E</sub> X visuelle francophone	Just	277
visualFAQ	A Visual L <sup>A</sup> T <sub>E</sub> X FAQ	Pakin	384
VisualPSTricks	Visual help for PSTricks based on images with minimum text	Casteleyn	174
visualtex	A T <sub>E</sub> X-oriented visual editor for Windows platforms	Romanenko	419
VisualTikZ	Visual help for TikZ based on images with minimum text	Casteleyn	174
vita	Configurable class for curricula vitarum	Brodnik	163
vita209	A Curriculum Vitae style	Border	157
vmargin	Set various page dimensions	Kuhlmann	305
vmspell	A spell-checker for VMS systems	Fairbairns, Carlisle	209
vmmps	Metrics for using Type 1 fonts available in VMS	Knappen	292
vnTEX-nonfree	URW Classico and URW Garamond extended for Vietnamese	Kotucha	301
vnTEX	Support for Vietnamese	Thành, Lemberg, Kotucha	487
vocaltract	Visualise the vocal tract using L <sup>A</sup> T <sub>E</sub> X and PSTricks	Ververidis	517
volumes	Typeset only parts of a document, with complete indexes etc	Küster	307

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
voss-mathcol	Typesetting mathematics in colour, in (La)TeX	Voß	528
voss-mathmode	A comprehensive review of mathematics in (La)TeX	Voß	528
vowel	Draw vowel charts for phonetic research	Rei	408
vpage	Set page sizes	Kuhlmann	305
vpe	Source specials for PDF output	Oberdiek	376
vplutils	Manipulate (virtual) property lists	Duggan	200
vpp	View and (selectively) Print PDF and PostScript	Dekker	192
vrbl	Verbatim macros in plain TeX	van der Laan	308
vrblxin	Verbatim input support	Thompson	495
vrbln	Add version number to a DVI file	Dahlgren	189
vruler	Numbering text	Jiang	273
VSliTeX	Virtual invisible fonts for use with L <sup>A</sup> T <sub>E</sub> X Slides class	Koellner	296
vtable	Vertical alignment of table cells	Paciorek	382
VTeX/Free	TeX system and PDF support for Linux and OS/2	MicroPress	347
vutex	View TeX output on an ASCII-only terminal	Wolfe	543
vvcode	Reliable encoder for binary files via email	Kempson	281
vwcol	Variable-width multiple text columns	Robertson	413
vxu	Document classes for Vaxjo University	Nyqvist	370
<b>WWW</b>			
w-a-schmidt	A collection of metrics for commercial fonts	Schmidt, Harcombe	435
w32tex	A comprehensive TeX system for Windows	Kakuto	277
wadalab	Wadalab (Japanese) font packages	Lemberg	317
wallcalendar	A wall calendar class with custom layouts	Bhikkhu	152
wallpaper	Easy addition of wallpapers (background images) to L <sup>A</sup> T <sub>E</sub> X documents, including tiling	Wilkinson	538
wargame	A L <sup>A</sup> T <sub>E</sub> X package to prepare hex'n'counter wargames	Holm Christensen	181
warning	Global warnings at the end of the logfile	Harders	249
warpcol	Relative alignment of rows in numeric columns in tabulars	Rochester	417
was	A collection of small packages by Walter Schmidt	Schmidt, Harcombe	435
wasy-type1	Type 1 versions of wasy fonts	Hoekwater, Sharpe	259
wasy	The wasy fonts (Waldi symbol fonts)	Waldi	531
wasysym	L <sup>A</sup> T <sub>E</sub> X support for the wasy fonts	Kielhorn	284
watermark	Draw "watermarks" on the output page	Rozhenko	426
weave	Generate TeX source from web	Knuth	295
web	The original literate programming system	Knuth	295
Web2C	Conversion programs and supporting code to compile TeX in C	Weber, T <sub>E</sub> XLive	534
web2w	Converting TeX from WEB to cweb	Ruckert	426
web9pt	Nine-point web listings	Unknown	511
webcomp-errata	Errata list for The L <sup>A</sup> T <sub>E</sub> X Web Companion	Goossens, Rahtz	234
webfiles	Include CWEB and/or Spidery WEB L <sup>A</sup> T <sub>E</sub> X	Potse	398
webguide	Brief Guide to L <sup>A</sup> T <sub>E</sub> X Tools for Web publishing	Wilson	541
webmacss	Use sans serif font in Web listings	Unknown	512
webomints	Webomints font support	Loreti	327
WebQuiz	Write interactive web based quizzes	Mathas	339
weekday	Generate "day of week"	Vulis	530
wheelchart	Draw wheelcharts with TikZ	Floré	218
wheretotrim	Assist in reducing L <sup>A</sup> T <sub>E</sub> X document page counts	Pakin	384
wichura-table	Table macros for plain TeX (and L <sup>A</sup> T <sub>E</sub> X)	Wichura, Carlisle	537
widetable	An environment for typesetting tables of specified width	Beccari	146
widows-and-orphans	Identify (typographic) widows and orphans	Mittelbach	351
wiggly	Draw wiggly lines under text	Garavelli	225
wiki	Use Wiki-style markup in a L <sup>A</sup> T <sub>E</sub> X document	Lück	330
williams	Miscellaneous macros by Peter Williams	Williams	538
willowtreebook	Easy basic book class, built on memoir	McKay	343
win32-emacs-auctex	Ready-to-use Emacs and AucTeX for Windows	Kotucha	301

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
window	Create windows in paragraphs	Schalück	430
windvi	MS-Windows DVI viewer	Popineau	398
windycity	A Chicago style for BibLaTeX	Chase	177
WinEdt	MS-Windows shell and editor for T <sub>E</sub> X	Simonic	452
winemtex	EmTeX for windows	Unknown	512
Winfonts	Use fonts distributed with Windows XP	Pichaureau	392
winlatex	FrontEnd for T <sub>E</sub> X, Win98/NT, needs Microsoft VisualBasic-DLLs	Reinhardt	409
winshell	A MS-Windows32 user interface for T <sub>E</sub> X	de Boer	155
WinTeX XP	A Win32 T <sub>E</sub> X Editor with the MS Office look and feel	Muecke	355
withargs	In-place argument substitution	Helvensteijn	254
witharrows	“Aligned” math environments with arrows for comments	Pantigny	386
withesis	University of Wisconsin-Madison Thesis L <sup>A</sup> T <sub>E</sub> X Class	Benedict	150
wmaainf	BibTeX style for Abteilung für Angewandte Informatik	Müller	356
wmf2eps	Windows metafile conversion	Schulter	440
wmf2epsc	Windows metafile conversion	Schulter	440
wncyr	University of Washington cyrillic fonts	The AMS	488
wnri-latex	L <sup>A</sup> T <sub>E</sub> X support for wnri fonts	Pandey	385
wnri	Ridgeway’s fonts	Ridgeway, Pandey	411
wntamil	Tamil to T <sub>E</sub> X converter	Unknown	512
woctag	Generate the German weekday name for a date	Schrell	437
Woff20T	Woff to OpenType converter	Frane Jr	276
word2latex	A translator from MS Word to L <sup>A</sup> T <sub>E</sub> X documents	de Boer	155
word2tex	Convert T <sub>E</sub> X/MSWord to L <sup>A</sup> T <sub>E</sub> X	Chikrii	180
word2x	Word 6 format converter	Simpson	452
wordcloud	Drawing wordclouds with MetaPost and Lua	Chupin	182
wordcount	Estimate the number of words in a L <sup>A</sup> T <sub>E</sub> X document	Downes	197
wordle	Create wordle grids	Pierquet	394
wordlike	Simulating word processor layout	Fenn	212
WordML2LaTeX	XSLT to transform a WordML file to a L <sup>A</sup> T <sub>E</sub> X2e source	Dambra	190
wordweb	Literate programming using Microsoft Word	Wittenberg, Mc Kearney	542
worksheet	Easy creation of worksheets	Zöllner	557
worldflags	Drawing flags with TikZ	Haager	243
wotree	Draw Warnier/Orr diagrams	Gurari	243
WP2LaTeX	Convert WordPerfect documents to L <sup>A</sup> T <sub>E</sub> X	Fojtík	219
wrapfig	Produces figures which text can flow around	Arseneau	137
wrapfig2	Wrap text around figures	Beccari	146
wrapstuff	Wrapping text around stuff	Lee	314
wright	Define commands with optional arguments	Unknown	512
WriteOnGrid	Write on grid lines	Pierquet	394
wrtfile	Write T <sub>E</sub> X files from a T <sub>E</sub> X document	Smith	454
wsemclassic	L <sup>A</sup> T <sub>E</sub> X class for Bavarian school w-seminar papers	Rosenberger	421
wsuipa	International Phonetic Alphabet fonts	Guenther	241
wsuipa2tipa	Translate wsuipa font commands into tipa font commands	Kleiweg	290
WTRef	Extend L <sup>A</sup> T <sub>E</sub> X’s cross-reference system	Asakura	137
<b>XXXXX</b>			
xargs	Define commands with many optional arguments	Pégourié-Gonnard	390
xarticle	A L <sup>A</sup> T <sub>E</sub> X 2.09 document style with 7pt, 8pt and 9pt options	Unknown	512
xassocnt	Associated counters stepping simultaneously	Hupfer	265
xbibfile	Create and search BibTeX databases	Maloney	336
xbibtex	An X-Windows utility for adding to a BibTeX database	Kelly, Bischof	281
xbmks	Create a cross-document bookmark tree	Story	467
xcharter-math	XCharter-based OpenType Math font for LuaTeX and XeTeX	Flipo	217
XCharter	Extension of Bitstream Charter fonts	Sharpe	447
xcite	Use citation keys from a different document	Gregorio	240
xcjk2uni	Convert CJK characters to Unicode, in pdfTeX	Lee	314

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xcmr	A crossed-out version of Computer Modern	Unknown	512
xcntperchap	Track the number of subsections etc. that occur in a specified track-level	Hupfer	265
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	493
xcolor-material	Defines the 256 colors from Google Material Color Palette	Órdenes	380
xcolor-solarized	Defines the 16 colors from Ethan Schoonover's Solarized palette	Cretel	187
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	281
xcomment	Allows selected environments to be included/excluded	Van Zandt, Voß	553
xcookybooky	Typeset (potentially long) recipes	Harder	248
xcpdftips	Natbib citations with PDF tooltips	Kocic	296
xdoc	Extending the L <sup>A</sup> T <sub>E</sub> X doc system	Hellström	253
xduthesis	XeL <sup>A</sup> T <sub>E</sub> X template for writing Xidian University Thesis	Qi	401
xduts	Xidian University T <sub>E</sub> X Suite	Unknown	512
xdvi	A DVI previewer for the X Window System	Vojta	523
xebaposter	Create beautiful scientific Persian/Latin posters using TikZ	Razavian	407
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	472
xecjk	Support for CJK documents in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Lee, Liu, Sun, Jiang	314
xecolor	Support for color in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	283
xecolour	Support for colour in X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Khalighi, bidi-tex GitHub Organisation	283
xecyr	Using Cyrillic languages in XeTeX	Shipunov	449
xecyrmongolian	Basic support for the typesetting of Cyrillic Mongolian documents using (Xe Lua)LaTeX	Syropoulos	472
xeindex	Automatic index generation for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Isambert, Robbers	268
xellipsis	Extremely configurable ellipses with formats for various style manuals	Goodman	233
xepersian-hm	Fixes kashida feature in xepersian package	Movahhedian	355
XePersian	Persian for L <sup>A</sup> T <sub>E</sub> X, using XeTeX	Khalighi, bidi-tex GitHub Organisation	283
xesearch	A string finder for XeTeX	Isambert, Robbers	268
xesoul	Use the soul package with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos	472
xespotcolor	Spot colours support for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Syropoulos, Elstner	472
XeT-TeX	A bi-directional version of T <sub>E</sub> X	MacKay	334
xetal	Strip T <sub>E</sub> X constructs from a file	Cerf	175
xetex-def	Colour and graphics support for XeTeX	Moore, Kew, L <sup>A</sup> T <sub>E</sub> X Team	353
xetex-devanagari	XeTeX input map for Unicode Devanagari	Stender	462
xetex-greek	Hyphenation for different variants of Greek, under XeTeX	Syropoulos	472
xetex-itrans	Itrans input maps for use with X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X	Abhinandan, Rao	129
xetex-pstricks	Running PSTricks under XeTeX	Shigeru	448
xetex-tibetan	XeTeX input maps for Unicode Tibetan	Stender	462
xetex	An extended variant of T <sub>E</sub> X for use with Unicode sources	Kew, Rosendahl, Hosny, T <sub>E</sub> XLive	282
xetexfontinfo	Report font features in XeTeX	Kew	282
xetexko	Typeset Korean with Xe(La)TeX	Kim	285
XeTeXref	Reference documentation of XeTeX	Robertson, Berry	414
xevlua	Insert non-breakable spaces using XeTeX	Wagner	531
xfakebold	Fake a regular font for bold characters	Voß	528
xfig	XWindows vector drawing program	Smith	454
xfor	A reimplementation of the L <sup>A</sup> T <sub>E</sub> X for-loop macro	Talbot	478
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	493
xfrac	Split-level fractions in L <sup>A</sup> T <sub>E</sub> X2 <sub>ε</sub> *	Høgholm, Madsen, Robertson, Wright	261
xgalley	Control text feeding onto the page	L <sup>A</sup> T <sub>E</sub> X Team	493
xgreek	Greek Language Support for X <sub>q</sub> L <sup>A</sup> T <sub>E</sub> X and LuaLaTeX	Syropoulos	472
xhfill	Extending \hrulefill	Voß	528

<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xifthen	Extended conditional commands	Noirel	368
xii-lat	Christmas silliness (Latin)	Carlisle	172
xii	Christmas silliness (English)	Carlisle	172
xindex	Unicode-compatible index generation	Voß	528
xindy-persian	Support for the Persian language in xindy	Khalighi, bidi-tex GitHub Organisation	283
xindy	A general-purpose index processor	Kehr, Schrod	280
xint	Expandable operations on long numbers	Burnol	167
xintsession	Interactive computing sessions (fractions, floating points, polynomials)	Burnol	167
xistercian	Cistercian numerals in L <sup>A</sup> T <sub>E</sub> X	Spratte	459
xits	A Scientific Times-like font with support for mathematical typesetting	Hosny	263
xkcdcolors	xkcd names of colors	Giannetti	228
xkeyval	Extension of the keyval package	Adriaens	129
xkvltxp	Provision for expandable macros in package options	Adriaens	129
xkvview	Xkeyval viewer	Adriaens	130
xl2latex	Convert Excel (97 and above) tables to L <sup>A</sup> T <sub>E</sub> X tabulars	Buchmann	164
xlatex	A T <sub>E</sub> X/L <sup>A</sup> T <sub>E</sub> X shell for X-windows	Dragone	198
xlop	Calculates and displays arithmetic operations	Charpentier	177
xltable	Longtable support with possible X-column specifier	Voß, Niepraschk	529
xltxtra	“Extras” for L <sup>A</sup> T <sub>E</sub> X users of XeTeX	Robertson	413
xml2pmx	Convert MusicXML to PMX and MusiXTeX	Spivey, Glötzel, Tennent	458
xmlplay	Typeset Shakespeare’s plays as marked up by Bosak	Kilfiger	285
xmltex	Support for parsing XML documents	Carlisle	172
xmpincl	Include eXtensible Metadata Platform data in pdfLaTeX	Sneep	454
xmthesis	XMU thesis style	Cao	170
xnewcommand	Define \global and \protected commands with \newcommand	Noirel	368
xoptarg	Expandable macros that take an optional argument	Noirel	368
xparse	A generic document command parser	L <sup>A</sup> T <sub>E</sub> X Team	493
xpatch	Extending etoolbox patching commands	Gregorio	240
xpdf	Viewing and manipulating PDF files	Noonburg	368
xpdfopen	Commands to control PDF readers, under X11	Diamond, Hoekwater, Popineau	194
xpeek	Define commands that peek ahead in the input stream	Salomon	427
xpiano	An extension of the piano package	Gregorio	240
xpicture	Extensions of L <sup>A</sup> T <sub>E</sub> X picture drawing	Fuster	223
xpinyin	Automatically add pinyin to Chinese characters	Lee	314
xprintlen	Print T <sub>E</sub> X lengths in a variety of units	Huang	265
xpunctuate	Process trailing punctuation which may be redundant	Ratcliffe	406
xq	Support for writing about xiangqi	Weinhold, Pipping	535
xr-hyper	Inter-document hyper-references	Carlisle, Oberdiek Package Support Group	173
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	172
xrefwarn	Only one warning for an undefined citation	Verwer	517
xsavebox	Saveboxes for repeating content without code replication, based on PDF Form XObjects	Grahn	235
xsim	eXercise Sheets IMproved	Niederberger	366
xskak	An extension to the skak package for chess typesetting	Fischer	216
xspace	Define commands that appear not to eat spaces	Carlisle, Høgholm, L <sup>A</sup> T <sub>E</sub> X Team	173
xstring	String manipulation for (La)TeX	Tellechea	482
xtab	Break tables across pages	Robertson, Wilson	416
xtcaps	Defining language-dependent text macros	Fricke	221



<i>Package</i>	<i>Caption</i>	<i>Author</i>	<i>Page</i>
xtem	An X11 T <sub>E</sub> X menu built on Tcl/Tk	Lamprecht, Lotz, Weibezahn	310
xtemplate	A high-level interface for declaring document commands	L <sup>A</sup> T <sub>E</sub> X Team	493
xtexcad	Simple drawing program for L <sup>A</sup> T <sub>E</sub> X use	Sixt, Zitzmann	452
XteXShell	A shell/editor	Hofmann	260
xtrcode	Extract contents of L <sup>A</sup> T <sub>E</sub> X environments	Ruedas	426
xtuthesis	XTU thesis template	Dongdong	196
xunicode	Generate Unicode characters from accented glyphs	Moore	353
xurl	Allow URL breaks at any alphanumerical character	Voß	528
xwatermark	Graphics and text watermarks on selected pages	Musa	360
xwpick	Pick an image from an X display	Chernyaev	178
xyling	Draw syntactic trees, etc., for linguistics literature, using xy-pic	Vogel	523
xymatrix	Commutative diagrams using XY-pic	Rose, Moore	421
xymtex	Typesetting chemical structures	Fujita	223
xypic-tut-pt	A tutorial for XY-pic, in Portuguese	Campani	170
xypic	Flexible diagramming macros	Rose, Moore	421
xytree	Tree macros using XY-Pic	Un	503
<b>YYYYY</b>			
yacco2	Multi-threaded LR(1) compiler/compiler that emits literate grammar documents	Bone	156
yafoot	A bundle of miscellaneous footnote packages	Nakashima	361
yagusylo	A symbol loader	Henel	255
yaletter	Extremely flexible macros for letters, envelopes, and label sheets	Goodman	233
YAMLvars	A YAML parser and tool for easy L <sup>A</sup> T <sub>E</sub> X definition creation	Ewasiuk	208
yandy	TUG release of Y and Y's T <sub>E</sub> X distribution	Ma, Horn	334
yannisgr	Greek fonts by Yannis Haralambous	Haralambous, Thull	247
yathesis	A L <sup>A</sup> T <sub>E</sub> X class for writing a thesis following French rules	Bitouzé	153
yax	Yet Another Key System	Isambert, Robbers	268
yazd-thesis	A template for the Yazd University	Damanafshan	190
yb-book	Template for YB Branded Books	Bugayenko	166
ycbook	A versatile book class	Cherem	178
ydoc	Macros for documentation of L <sup>A</sup> T <sub>E</sub> X classes and packages	Scharrer	432
Yet-Another-Gui...	A short guide to using L <sup>A</sup> T <sub>E</sub> X2e to typeset high quality documents	Morris	354
yfonts-otf	OpenType version of the Old German fonts designed by Yannis Haralambous	Flipo	217
yfonts-t1	Old German-style fonts, in Adobe type 1 format	Bronger, Haralambous	163
yfonts	Support for old German fonts	Schmidt, Preining	435
yfrak	Old German Fraktur font	Haralambous	247
ygoth	Old German Gothic font	Haralambous	247
ymath	Extended maths fonts for L <sup>A</sup> T <sub>E</sub> X	Haralambous, Preining	247
yi4latex	Yi (Southern Chinese) support	Corff	186
yinit-as	Additions to Yannis Haralambous' Old German decorative initials	Schrell	438
yinit-otf	OTF conversion of Yannis Haralambous' Old German decorative initials	Haralambous	247
yinit	Old German decorative initials	Haralambous	247
york-thesis	A thesis class file for York University, Toronto	Gall	224
young	Young tableaux	Knappen, Wormer	293
youngtab	Typeset Young-Tableaux	Börchers	157
yplan	Daily planner type calendar	Nickalls, Harders	364
yquant	Typesetting quantum circuits in a human-readable language	Desef	193
yswab	Old German Schwabacher font	Haralambous	247
yt4pdf	Play YouTube videos in a PDF	Story	467
ytableau	Many-featured Young tableaux and Young diagrams	Reich	408
ytex	Macro package developed at MIT	Brotsky	163

Package	Caption	Author	Page
<b>ZZZZZ</b>			
zaccone	Different configuration for different captions	Unknown	512
zahl2string	Format numbers as German words	Sauer	429
zblbuild	Help with the choice of a BibL <sup>A</sup> T <sub>E</sub> X style and options	Milanese	348
zbmath-review-t...	Template for a zbMATH Open review	Beckenbach	146
zebra-goodies	A collection of handy macros for paper writing	Xue	547
zed-csp	Typesetting Z and CSP format specifications	Davies, Spivey	191
zed	Typeset Z specifications	Spivey	458
zefonts	Virtual fonts to provide T1 encoding from existing fonts	Fuster, Kahn	224
zennote	Streamline your note-taking process!	Liang	319
zero	Start list (etc.) numbering at zero	Verhoeff	516
zhlineskip	Line spacing for CJK documents	Zhang	555
zhlipsum	Chinese dummy text	Zeng	554
zhmakeindex	Makeindex replacement for Chinese users	Liu	321
zhmCJK	Simplify configuration of CJK installations for Chinese	Liu	321
zhmetrics-uptex	Chinese font metrics for upT <sub>E</sub> X	Liu	321
zhmetrics	TFM subfont files for using Chinese fonts in 8-bit T <sub>E</sub> X	Wang, Wu	533
zhnumber	Typeset Chinese representations of numbers	Lee	314
zhspacing	Spacing for mixed CJK-English documents in XeT <sub>E</sub> X	Dian, Lee	194
ziffer	Conversion of punctuation in maths mode	Väth	515
zigaretten	Propaganda and mind-numbing for cigarette addicts	Lachaume	309
zip	Barcodes for USA ZIP code	Smith	454
zitie	Create CJK character calligraphy practicing sheets	Unknown	512
zlmitt	Use Latin Modern Typewriter fonts	Sharpe	447
zootaxa-bst	A BibT <sub>E</sub> X style for the journal Zootaxa	Ballen	140
zref-check	Flexible cross-references with contextual checks based on zref	Barros	142
zref-clever	Clever L <sup>A</sup> T <sub>E</sub> X cross-references based on zref	Barros	142
zref-vario	Extended L <sup>A</sup> T <sub>E</sub> X page cross-references with varioref and zref-clever	Barros	142
zref	A new reference scheme for L <sup>A</sup> T <sub>E</sub> X	Oberdiek	376
zwgetfdate	Get package or file date	Wagner	531
zwpagelayout	Page layout and crop-marks	Wagner	531
zx-calculus	A library to typeset ZX Calculus diagrams	Colisson	184
zxjafbfont	Fallback CJK font support for xeCJK	Yato	551
ZXjafont	Set up Japanese font families for X <sub>2</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	551
ZXjatype	Standard conforming typesetting of Japanese, for X <sub>2</sub> L <sup>A</sup> T <sub>E</sub> X	Yato	551
ZzT <sub>E</sub> X	A full-featured T <sub>E</sub> X macro package for producing books, journals, and manuals	Anagnostopoulos	133

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



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URL: <https://ctan.org/pkg/uothesis>  
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URL: <https://ctan.org/pkg/lingtrees>  
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URL: <https://ctan.org/pkg/textsurgery>  
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/oxford>

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

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URL: <https://ctan.org/pkg/circuit-macros>  
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Appelt, Wolfgang. *The knit package. Tangle and weave with multiple change files.* 2016-06-24. Version 2.7. LICENSE: noinfo. Knit and twist are represented as change files from and (respectively). In each case, they act in the same way as the parent program, but can process more than one change file at the same time.  
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 URL: <https://ctan.org/pkg/arraymaker>  
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 URL: <https://ctan.org/pkg/lstbayes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lstbayes>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longfigure>
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 URL: <https://ctan.org/pkg/gloss>  
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 URL: <https://ctan.org/pkg/braket>  
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 URL: <https://ctan.org/pkg/cancel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cancel>
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 URL: <https://ctan.org/pkg/cases>  
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 URL: <https://ctan.org/pkg/chapterbib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
- *The cite package. Improved citation handling in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 5.5. LICENSE: other-free  
 URL: <https://ctan.org/pkg/cite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The cite-bundle package. Citation management bundle.* 2016-06-24. LICENSE: other-free. A collection of packages related to managing citations:  
 URL: <https://ctan.org/pkg/cite-bundle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
  - *The dotseqn package. Flush left equations with dotted leaders to the numbers.* 2016-06-24. Version 1.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/dotseqn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotseqn>
  - *The drftcite package. Print the bibliography in "draft" mode.* 2018-01-06. Version 3.91. LICENSE: other-free  
 URL: <https://ctan.org/pkg/drftcite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite/drftcite.sty>
  - *The framed package. Framed or shaded regions that can break across pages.* 2016-06-24. Version 0.96. LICENSE: other-free  
 URL: <https://ctan.org/pkg/framed>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/framed>
  - *The fwlw package. Get first and last words of a page.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/fwlw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fwlw>
  - *The import package. Establish input relative to a directory.* 2020-04-03. Version 6.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/import>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/import>
  - *The longdiv package. Long division arithmetic problems.* 2020-04-11. Version 1. LICENSE: pd. Work out and print integer long division problems. Use: . The numerator and denominator (divisor and dividend) must be integers, and the quotient is an integer too. leaves the remainder from the division at the bottom of its diagram of the problem.  
 URL: <https://ctan.org/pkg/longdiv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/longdiv.tex>
  - *The magaz package. Magazine layout.* 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://ctan.org/pkg/magaz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magaz>
  - *The nolbreaks package. No line breaks in text.* 2016-06-24. Version 1.2. LICENSE: pd. Use to prevent line breaks in “some text”. This has the advantage over that glue (rubber space) remains flexible. Most common cases are handled here ( is disabled, for example) but spaces hidden in macros or can still create break-points.  
 URL: <https://ctan.org/pkg/nolbreaks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nolbreaks>
  - *The notoccite package. Prevent trouble from citations in table of contents, etc.* 2016-06-24. LICENSE: pd. If you have commands in -like commands, or in , the citation will also appear in the table of contents, or list of whatever. If you are also using an unsrt-like bibliography style, these citations will come at the very start of the bibliography, which is confusing. This package suppresses the effect.  
 URL: <https://ctan.org/pkg/notoccite>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/notoccite>
  - *The nth package. Generate English ordinal numbers.* 2020-04-11. LICENSE: pd. The command generates English ordinal numbers of the form 1st, 2nd, 3rd, 4th, etc. L<sup>A</sup>T<sub>E</sub>X package options may specify that the ordinal mark be superscripted, and that negative numbers may be treated; Plain T<sub>E</sub>X users have no access to package options, so need to redefine macros for these changes.  
 URL: <https://ctan.org/pkg/nth>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/nth.sty>
  - *The optional package. Facilitate optional printing of parts of a document.* 2016-06-24. Version 2.2b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/optional>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/optional>
  - *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>

- Arseneau, Donald. *The overcite package. Compressed lists of superscript numerical citations*. 2016-06-24. Version 4.01. LICENSE: other-free. The package is actually a wrapper for one of the functions of the packages; it is distributed as part of the bundle of packages.  
URL: <https://ctan.org/pkg/overcite>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cite>
- *The placeins package. Control float placement*. 2016-06-24. Version 2.2. LICENSE: pd. Defines a command, beyond which floats may not pass; useful, for example, to ensure all floats for a section appear before the next command.  
URL: <https://ctan.org/pkg/placeins>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/placeins>
  - *The placeins-plain package. Insertions that keep their place*. 2016-06-24. Version 2.0. LICENSE: pd. This  $\TeX$  file provides various mechanisms (for plain  $\TeX$  and close relatives) to let insertions (footnotes, topins, pageins, etc.) float within their appropriate section, but to prevent them from intruding into the following section, even when sections do not normally begin a new page. (If your sections normally begin a new page, just use to flush out insertions.)  
URL: <https://ctan.org/pkg/placeins-plain>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/placeins.tex>
  - *The random package. Generating “random” numbers in  $\TeX$* . 2020-04-15. Version 0.2. LICENSE: pd  
URL: <https://ctan.org/pkg/random>  
MIRROR: <https://mirror.ctan.org/macros/generic/random>
  - *The removefr package. Remove from counter-reset lists*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/removefr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fragments/removefr.tex>
  - *The sansmath package. Maths in a sans font*. 2016-06-24. Version 1.1. LICENSE: pd. The package defines a new math version , and a command that behaves somewhat like  
URL: <https://ctan.org/pkg/sansmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sansmath>
  - *The selectp package. Select pages to be output*. 2016-06-24. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/selectp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selectp>
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URL: <https://ctan.org/pkg/diagxy>  
MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/diagxy>
- Barrera, Sergio C. de la. *The physics package. Macros supporting the Mathematics of Physics.* 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/physics>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/physics>
- Barros, Gustavo. *The postnotes package. Endnotes for L<sup>A</sup>T<sub>E</sub>X.* 2023-08-21. Version 0.2.6. LICENSE: lppl1.3c. This is an endnotes package for L<sup>A</sup>T<sub>E</sub>X. Its user interface provides means to print multiple sections of notes along the document, and to subdivide them either automatically — by chapter, by section — or at manually specified places, thus being able to easily handle both numbered and unnumbered headings. The package also provides infrastructure for setting up contextual running headers for printed notes. The default is a simple but useful one, in the form “Notes to pages N-M”, but more elaborate ones can be built. When is loaded, provides hyperlinked notes, including back links.  
URL: <https://ctan.org/pkg/postnotes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postnotes>
- *The zref-check package. Flexible cross-references with contextual checks based on zref.* 2023-08-14. Version 0.3.4. LICENSE: lppl1.3c. This package provides an user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references flexibly, while allowing to have them checked for consistency with the document structure as typeset. Statements such as “above”, “on the next page”, “previously”, “as will be discussed”, “on the previous chapter” and so on can be given to in free-form, and a set of “checks” can be specified to be run against a given “label”, which will result in a warning at compilation time if any of these checks fail. and the environment are also defined as a means to easily set label targets to arbitrary places in the text which can be referred to by .



- URL: <https://ctan.org/pkg/zref-check>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-check>
- Barros, Gustavo. *The zref-clever package. Clever L<sup>A</sup>T<sub>E</sub>X cross-references based on zref*. 2023-08-14. Version 0.4.2. LICENSE: lppl1.3c. This package provides a user interface for making L<sup>A</sup>T<sub>E</sub>X cross-references which automates some of their typical features, thus easing their input in the document and improving the consistency of typeset results. A reference made with includes a “name” according to its “type”, and lists of multiple labels can be automatically sorted and compressed into ranges when due. The reference format is highly and easily customizable, both globally and locally. The package is based on ’s extensible referencing system.
- URL: <https://ctan.org/pkg/zref-clever>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-clever>
- *The zref-vario package. Extended L<sup>A</sup>T<sub>E</sub>X page cross-references with varioref and zref-clever*. 2023-08-15. Version 0.1.9. LICENSE: lppl1.3c. This package offers a compatibility layer for to be used alongside . It provides counterparts to ’s main reference commands, each of which essentially does some (scoped) setup for , then calls the original one.
- URL: <https://ctan.org/pkg/zref-vario>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref-vario>
- Bartel, Elmar and Norbert Preining. *The bartel-chess-fonts package. A set of fonts supporting chess diagrams*. 2016-06-24. LICENSE: gpl
- URL: <https://ctan.org/pkg/bartel-chess-fonts>  
MIRROR: <https://mirror.ctan.org/fonts/bartel-chess-fonts>
- Bartels, Friedemann. *The pagelayout package. Layout graphic rich documents*. 2023-03-06. Version 1.0.4. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/pagelayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagelayout>
- Barth, Andreas. *The pbm2tex package. Translate PBM format to L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.0. LICENSE: other-free
- URL: <https://ctan.org/pkg/pbm2tex>  
MIRROR: <https://mirror.ctan.org/support/pbm2tex>
- Barthelmann, Klaus Georg. *The circle package. Maths mode circles for temporal logic*. 2016-06-24. LICENSE: noinfo. Provides circles in math mode that can be used for the nextstep operator of temporal logic, in conjunction with and (latexsym) or and (amssymb). L<sup>A</sup>T<sub>E</sub>X circles and are not of the right size. The circles are taken from the font . The package contains some hacks to approximate the right size and this solution is definitely not sufficient to give a high quality output.
- URL: <https://ctan.org/pkg/circle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/circle>
- *The sauterfonts package. Use Sauter’s fonts in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: gpl
- URL: <https://ctan.org/pkg/sauterfonts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauterfonts>
- Bartholdi, Laurent. *The ltb2bib package. Converts amsrefs’ .ltb bibliographical databases to BibT<sub>E</sub>X format*. 2018-01-07. Version 0.01. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/ltb2bib>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/utls/ltb2bib>
- Bartolomey, Alexander. *The csassignments package. A wrapper for article with macros and customizations for computer science assignments*. 2022-07-28. Version 1.0.2. LICENSE: mit
- URL: <https://ctan.org/pkg/csassignments>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csassignments>
- Barton, Ariel. *The knitting package. Produce knitting charts, in Plain T<sub>E</sub>X or L<sup>A</sup>T<sub>E</sub>X*. 2019-04-06. Version 3.0. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/knitting>  
MIRROR: <https://mirror.ctan.org/fonts/knitting>
- *The sansmathaccent package. Correct placement of accents in sans-serif maths*. 2020-02-01. LICENSE: lppl1.3
- URL: <https://ctan.org/pkg/sansmathaccent>  
MIRROR: <https://mirror.ctan.org/fonts/sansmathaccent>
- *The sansmathfonts package. Extended Computer Modern sans serif fonts*. 2023-11-04. LICENSE: lppl1.3c
- URL: <https://ctan.org/pkg/sansmathfonts>  
MIRROR: <https://mirror.ctan.org/fonts/sansmathfonts>
- *The tolkienfonts package. Use TTF ”Tolkien” fonts from the WWW with pdfT<sub>E</sub>X*. 2016-06-24. Version 2.0. LICENSE: lppl
- URL: <https://ctan.org/pkg/tolkienfonts>  
MIRROR: <https://mirror.ctan.org/fonts/tolkienfonts>
- Barton, Thomas H. *The TrueTypeToType42 package. Generate a Type 42 font from a TrueType font*. 2016-06-24. LICENSE: noinfo. The package provides a PostScript program, to run under , that will read a TrueType font and produce an Adobe Type 42 (PFA) font as output.

- URL: <https://ctan.org/pkg/truetype42>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/TrueTypeToType42>
- Barton-Davis, Paul. *The unixman package*. Typeset to look like Unix man output. 2016-06-24. Version 1.2. LICENSE: noinfo  
URL: <https://ctan.org/pkg/unixman>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/unixman>
- Barton-Davis, Paul and Niall Mansfield. *The add-wes package*. A "book" style for Addison-Wesley house style. 2020-08-29. Version 1.05. LICENSE: other-free  
URL: <https://ctan.org/pkg/add-wes>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/add-wes.sty>
- Baruchel, Thomas. *The t1infos package*. Utilities for PostScript fonts. 2016-06-24. Version 1.0. LICENSE: bsd  
URL: <https://ctan.org/pkg/t1infos>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/t1infos>
- Basso, Pierre and Stefan Ulrich. *The bibtopic package*. Include multiple bibliographies in a document. 2016-06-24. Version 1.1a. LICENSE: gpl  
URL: <https://ctan.org/pkg/bibtopic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibtopic>
- Batada, Nizar. *The JBibtexManager package*. Managing citations in BibTeX format. 2023-10-14. LICENSE: lppl  
URL: <https://ctan.org/pkg/jbibtexmanager>  
MIRROR: <https://mirror.ctan.org/obsolete/biblio/bibtex/utls/jbibtexmanager>
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URL: <https://ctan.org/pkg/bbfig>  
MIRROR: <https://mirror.ctan.org/support/bbfig>
- Batista, Facundo. *The jupynotex package*. Include whole or partial Jupyter notebooks in L<sup>A</sup>T<sub>E</sub>X documents. 2020-10-28. Version 0.1. LICENSE: apache2  
URL: <https://ctan.org/pkg/jupynotex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jupynotex>
- Batumongke, Dorjgotov. *The lshort-mongol package*. Short introduction to L<sup>A</sup>T<sub>E</sub>X, in Mongolian. 2016-06-24. Version 4.26. LICENSE: lppl. A translation of Oetiker's .  
URL: <https://ctan.org/pkg/lshort-mongol>  
MIRROR: <https://mirror.ctan.org/info/lshort/mongolian/lshort-mongol>
- *The mnhyphn package*. Hyphenation patterns for Mongolian. 2018-01-06. Version 1.1. LICENSE: lppl. Serves Mongolian written using Cyrillic letters, using T2A-encoded output. (Note that the bundle provides hyphenation patterns for its own encoding setup.)  
URL: <https://ctan.org/pkg/mnhyphn>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/mnhyphn.tex>
- *The mongolian-babel package*. A language definition file for Mongolian in Babel. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/mongolian-babel>  
MIRROR: <https://mirror.ctan.org/language/mongolian/babel>
- Baudoin, Marc. *The apprends-latex package*. Apprends L<sup>A</sup>T<sub>E</sub>X! 2017-04-18. Version 4.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/apprends-latex>  
MIRROR: <https://mirror.ctan.org/info/apprends-latex>
- Bauer, Tilman. *The lwasseq package*. Drawing spectral sequences in LuaL<sup>A</sup>T<sub>E</sub>X. 2023-01-10. LICENSE: lppl1.3. The package is an update of the author's package, for use with LuaL<sup>A</sup>T<sub>E</sub>X. This version uses less memory, and operates faster than the original; it also offers several enhancements.  
URL: <https://ctan.org/pkg/lwasseq>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lwasseq>
- *The sseq package*. Typesetting spectral sequence charts. 2016-06-24. Version 2.01. LICENSE: lppl. The package provides commands to draw spectral sequence diagrams, providing facilities for clipping and arranging multiple symbols so that they do not overlap. The package is built using , and shares that systems large demands for T<sub>E</sub>X system memory. Its geometric commands are based on a turtle graphics model, and control structures such as loops and conditionals are available.  
URL: <https://ctan.org/pkg/sseq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sseq>
- Bauke, Heiko. *The isotope package*. A package for typesetting isotopes. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides a command for setting the atomic weight and atomic number indications of isotopes. (The naive way of doing the job with (La)T<sub>E</sub>X mathematics commands produces an unsatisfactory result.)

- URL: <https://ctan.org/pkg/isotope>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isotope>
- Baumann, Helge. *The dinat package. Bibliography style for German texts.* 2016-06-24. Version 2.5. LICENSE: pd  
URL: <https://ctan.org/pkg/dinat>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/german/dinat>
- Baumann, Timo. *The BibArts package. "Arts"-style bibliographical information.* 2023-06-18. Version 2.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/bibarts>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibarts>
- *The germkorr package. Change kerning for German quotation marks.* 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/germkorr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/germkorr>
- Bautista, Tomás. *The abstyles-babel package. Adaptable styles for use with Babel.* 2016-06-24. LICENSE: other-free. This set of BibTeX styles is a version of the , modified so that the styles react to operations.  
URL: <https://ctan.org/pkg/abstyles-babel>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/abstyles-babel>
- Bayart, Benjamin. *The esieecv package. Curriculum vitae for French use.* 2021-06-20. LICENSE: lppl  
URL: <https://ctan.org/pkg/esieecv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ESIEEcV>
- *The french-translations package. French translation project.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/french-translations>  
MIRROR: <https://mirror.ctan.org/info/french-translations>
- *The stack package. Tools to define and use stacks.* 2016-06-24. Version 1.00. LICENSE: lppl. The package provides a small set of commands to implement stacks independently of T<sub>E</sub>X's own stack. As an example of how the stacks might be used, the documentation offers a small "reinput" package that implements the backbone of the package.  
URL: <https://ctan.org/pkg/stack>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stack>
- *The undertilde package. Typeset a tilde under one (or many) maths symbols.* 2016-06-24. Version 1.0. LICENSE: noinfo. The implementation is probably less than totally robust, though undoubtedly better than that in the macros also available on CTAN.  
URL: <https://ctan.org/pkg/undertilde>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/undertilde>
- Baynham, Charles. *The gitver package. Get the current git hash of a project and typeset it in the document.* 2022-07-17. Version 1.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/gitver>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gitver>
- *The globalvals package. Declare global variables.* 2019-02-06. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/globalvals>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/globalvals>
- Bazon, Vlad. *The rojud package. A font with the images of the counties of Romania.* 2020-11-25. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/rojud>  
MIRROR: <https://mirror.ctan.org/fonts/rojud>
- Beach, John E. *The colorweb package. Extend the color package colour space.* 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package makes the available to the standard package.  
URL: <https://ctan.org/pkg/colorweb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorweb>
- Bean, Jules. *The mathlig package. Define maths "ligatures".* 2020-04-11. Version 1.0. LICENSE: other-free  
URL: <https://ctan.org/pkg/mathlig>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/mathlig.tex>
- Beasley, David. *The make\_latex package. L<sup>A</sup>T<sub>E</sub>X Makefile.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/make-latex>  
MIRROR: [https://mirror.ctan.org/support/make\\_latex](https://mirror.ctan.org/support/make_latex)
- Beaudrap, Niel de. *The modref package. Customisation of cross-references in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/modref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modref>
- Beccari, Claudio. *The ar package. Capital A and capital R ligature for Aspect Ratio.* 2018-01-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/ar>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ar>

- Beccari, Claudio. *The aspectratio package. Capital A and capital R ligature for Aspect Ratio*. 2016-06-24. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/aspectratio>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aspectratio>
- *The babel-friulan package. Babel/Polyglossia support for Friulan(Furlan)*. 2016-06-24. Version 1.3. LICENSE: lppl1.3. The package provides a language description file that enables support of Friulan either with or with .  
URL: <https://ctan.org/pkg/babel-friulan>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/friulan>
  - *The babel-piedmontese package. Babel support for Piedmontese*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package provides the language definition file for support of Piedmontese in . Some shortcuts are defined, as well as translations to Piedmontese of standard “LaTeX names”.  
URL: <https://ctan.org/pkg/babel-piedmontese>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/piedmontese>
  - *The babel-romansh package. Babel/Polyglossia support for the Romansh language*. 2016-06-24. LICENSE: lppl1.3. The package provides a language description file that enables support of Romansh either with or with .  
URL: <https://ctan.org/pkg/babel-romansh>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romansh>
  - *The begingreek package. Greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only*. 2022-05-16. Version 1.7. LICENSE: lppl1.3c. This simple package defines a greek environment to be used with pdfL<sup>A</sup>T<sub>E</sub>X only, that accepts an optional Greek font family name to type its contents with. A similar command does a similar action for shorter texts.  
URL: <https://ctan.org/pkg/begingreek>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begingreek>
  - *The canoniclayout package. Create canonical page layouts with memoir*. 2022-11-01. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/canoniclayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/canoniclayout>
  - *The cbfonts-fd package. L<sup>A</sup>T<sub>E</sub>X font description files for the CB Greek fonts*. 2019-07-18. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cbfonts-fd>  
MIRROR: <https://mirror.ctan.org/fonts/greek/cbfonts-fd>
  - *The 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>X<sub>2</sub>e 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>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/lahyph.tex>



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 URL: <https://ctan.org/pkg/latin>  
 MIRROR: <https://mirror.ctan.org/language/latin>
- *The Lxfonts package*. Set of slide fonts based on CM. 2016-06-24. Version 2.0b. LICENSE: lpl  
 URL: <https://ctan.org/pkg/lxfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/lxfonts>
  - *The pm-isomath package*. Poor man ISO math for pdfL<sup>A</sup>T<sub>E</sub>X users. 2021-08-26. Version 1.2.00. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/pm-isomath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pm-isomath>
  - *The swfigure package*. Insert large images that do not fit into a single page. 2022-05-07. Version 0.9.20. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/swfigure>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/swfigure>
  - *The testhyphens package*. Testing hyphenation patterns. 2016-06-24. Version 0.7. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/testhyphens>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testhyphens>
  - *The teubner package*. Philological typesetting of classical Greek. 2023-08-26. Version 5.8.3. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/teubner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/teubner>
  - *The TOPtesi package*. Bundle for typesetting multilanguage theses. 2020-09-06. Version 6.4.06. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/toptesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/toptesi>
  - *The widetable package*. An environment for typesetting tables of specified width. 2020-01-15. Version 2.1. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/widetable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/widetable>
  - *The wrapfig2 package*. Wrap text around figures. 2023-09-03. Version 6.2.1. LICENSE: lpl1.3c  
 URL: <https://ctan.org/pkg/wrapfig2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wrapfig2>
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 URL: <https://ctan.org/pkg/imakeidx>  
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URL: <https://ctan.org/pkg/bnumexpr>

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

— *The centeredline package. A macro for centering lines*. 2022-10-10. Version 1.2. LICENSE: lppl1.3c

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

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

— *The colorframed package. Fix color problems with the package “framed”*. 2022-10-07. Version 0.9b. LICENSE: lppl1.3c. This package fixes problems with colour loss that occurs in the environments of the package.

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

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

— *The etoc package. Completely customisable TOCs*. 2023-10-29. Version 1.2d. LICENSE: lppl1.3c

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

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



- Burnol, Jean-François. *The filecontentsdef package. filecontents + macro + verbatim*. 2019-09-29. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/filecontentsdef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filecontentsdef>
- *The footnotehyper package. hyperrefaware footnote.sty*. 2021-08-30. Version 1.1e. LICENSE: lppl1.3c. The package by Mark Wooding dates back to 1997 and has not been made compatible. The aim of the present package is to do that.  
 URL: <https://ctan.org/pkg/footnotehyper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/footnotehyper>
  - *The lgrmath package. Use LGR-encoded fonts in math mode*. 2022-11-26. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lgrmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lgrmath>
  - *The libgreek package. Greek letters in math mode from Libertinus or Linux Libertine/Biolinum*. 2022-11-14. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/libgreek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/libgreek>
  - *The mathastext package. Use the text font in maths mode*. 2023-08-30. Version 1.3z. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mathastext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathastext>
  - *The polexpr package. A parser for polynomial expressions*. 2022-05-19. Version 0.8.7a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/polexpr>  
 MIRROR: <https://mirror.ctan.org/macros/generic/polexpr>
  - *The poormanlog package. Logarithms and powers with (almost) 9 digits*. 2022-05-25. Version 0.07. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/poormanlog>  
 MIRROR: <https://mirror.ctan.org/macros/generic/poormanlog>
  - *The pxgreeks package. Shape selection for PX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X maths users of the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\greek`) allows using the alternate glyph (as in the fourier package). The pxgreeks package does not constrain the text font that may be used in the document.  
 URL: <https://ctan.org/pkg/pxgreeks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pxgreeks>
  - *The tableof package. Tagging tables of contents*. 2021-07-05. Version 1.4c. LICENSE: lppl1.3. The package provides the commands to flag chapters or sections (or anything else destined to become a TOC line). The command specifies which tags are to be required and which ones are to be excluded by the next (or equivalent) command. In a document that uses a class where may only be used once, the command may be used to provide several tables.  
 URL: <https://ctan.org/pkg/tableof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tableof>
  - *The texdimens package. Conversion of T<sub>E</sub>X dimensions to decimals*. 2021-11-16. Version 1.1. LICENSE: lppl1.3c. Utilities and documentation related to T<sub>E</sub>X dimensional units, usable both with Plain () and with L<sup>A</sup>T<sub>E</sub>X ().  
 URL: <https://ctan.org/pkg/texdimens>  
 MIRROR: <https://mirror.ctan.org/macros/generic/texdimens>
  - *The txgreeks package. Shape selection for TX fonts Greek letters*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package allows L<sup>A</sup>T<sub>E</sub>X users who use the to select the shapes (italic or upright) for the Greek lowercase and uppercase letters. Once the shapes for lowercase and uppercase have been selected via a package option, the prefix (e.g., `\greek`) allows using the alternate glyph (as in the fourier package). The txgreeks package does not constrain the text font that may be used in the document.  
 URL: <https://ctan.org/pkg/txgreeks>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/txgreeks>
  - *The xint package. Expandable operations on long numbers*. 2022-06-11. Version 1.4m. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xint>  
 MIRROR: <https://mirror.ctan.org/macros/generic/xint>
  - *The xintsession package. Interactive computing sessions (fractions, floating points, polynomials)*. 2021-11-01. Version 0.4alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xintsession>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/xintsession>
- Burnus, Tobias. *The m-pictex package. Enable PicTeX to run with L<sup>A</sup>T<sub>E</sub>X*. 2023-03-28. LICENSE: other-free  
 URL: <https://ctan.org/pkg/m-pictex>

- Burt, John. *The brandeis-thesis package. A class for Brandeis University M.A. theses.* 2023-08-15. Version 3.3. LICENSE: lppl1.3c. provides the structures and formatting information for an M.A. thesis for the Brandeis University Graduate School of Arts and Sciences.  
 URL: <https://ctan.org/pkg/brandeis-thesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/brandeis-thesis>
- *The edmargin package. Multiple series of endnotes for critical editions.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/edmargin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/edmargin>
  - *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>  
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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  
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- 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).

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/css-colors>
- Buxbaum, Engelbert. *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, Włodek. *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>
- Bzyl, Włodek and Staszek Wawrykiewicz. *The utf8mex package. Tools to produce formats that read Polish language input*. 2016-06-24. LICENSE: pd  
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 MIRROR: <https://mirror.ctan.org/language/polish/utf8mex>
- Cadiou, Aurélien. *The ladder package. Draw simple ladder diagrams using TikZ*. 2017-10-09. LICENSE: mit  
 URL: <https://ctan.org/pkg/ladder>  
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- Cagnol, John. *The mrcheckbib package. A BibT<sub>E</sub>X file verification tool*. 2016-06-24. LICENSE: gpl  
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 URL: <https://ctan.org/pkg/kpfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/kpfonts>
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 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 pdfL<sup>A</sup>T<sub>E</sub>X*. 2020-10-27. Version 2.0b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/flippdf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flippdf>
- *The rotpages package. Typeset sets of pages upside-down and backwards*. 2016-06-24. Version 3.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rotpages>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotpages>
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 URL: <https://ctan.org/pkg/tikzviolinplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzviolinplots>
- Calvani, Massimo. *The prepr package. Preprint macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/prepr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/prepr>
- Camara Neto, Vilar da. *The breakurl package. Line-breakable \url-like links in hyperref when compiling via dvips/ps2pdf*. 2016-06-24. Version 1.40. LICENSE: lppl. This package provides a command much like hyperref’s that typesets a URL using a typewriter-like font. However, if the dvips driver is being used, the original doesn’t allow line breaks in the middle of the created link: the link comes in one atomic piece. This package allows such line breaks in the generated links.  
 URL: <https://ctan.org/pkg/breakurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breakurl>

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 URL: <https://ctan.org/pkg/beamer-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/beamer>
- *The cursolatex package. A L<sup>A</sup>T<sub>E</sub>X tutorial*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cursolatex>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/cursolatex>
  - *The xypic-tut-pt package. A tutorial for XY-pic, in Portuguese*. 2016-06-18. LICENSE: gpl  
 URL: <https://ctan.org/pkg/xypic-tut-pt>  
 MIRROR: <https://mirror.ctan.org/info/portuguese/xypic-tutorial>
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 URL: <https://ctan.org/pkg/biblatex-enc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-enc>
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 URL: <https://ctan.org/pkg/ndsu-thesis-2022>  
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- Cantor, David G. and Dominik Wujastyk. *The drop package. Dropped capitals at the start of a paragraph (L<sup>A</sup>T<sub>E</sub>X 2.09)*. 2016-06-24. LICENSE: noinfo  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drop.sty>
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 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>
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 URL: <https://ctan.org/pkg/iopart-num>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/iopart-num>
- *The svgcolor package. Define SVG named colours*. 2018-09-15. Version 1.0. LICENSE: lppl. The package defines the W3C Scalable Vector Graphics (SVG) colour names for use with both the and packages.  
 URL: <https://ctan.org/pkg/svgcolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/svgcolor>
- Carlisle, David. *The blkarray package. Extended array and tabular*. 2018-01-06. Version 0.07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/blkarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blkarray>
- *The carlisle package. David Carlisle's small packages*. 2021-06-13. LICENSE: lppl. Many of David Carlisle's more substantial packages stand on their own, or as part of the L<sup>A</sup>T<sub>E</sub>X set; this set contains:  
 URL: <https://ctan.org/pkg/carlisle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle>
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 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>  
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 URL: <https://ctan.org/pkg/elocalloc>  
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 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*. 2023-11-09. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/graphics-pln>  
 MIRROR: <https://mirror.ctan.org/macros/plain/graphics>
  - *The grfguide package. L<sup>A</sup>T<sub>E</sub>X standard graphics and color packages documentation*. 2021-06-01. LICENSE: lppl1.3c. Documentation of the bundle. The guide discusses using graphics in L<sup>A</sup>T<sub>E</sub>X, including documentation on the use of colour (the package).  
 URL: <https://ctan.org/pkg/grfguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/graphics>
  - *The grfpaste package. Include fragments of a dvi file*. 2016-06-24. Version 0.2. LICENSE: lppl. Provides a mechanism to include fragments of dvi files with the package, so that you can use to include dvi files. The package requires the program.  
 URL: <https://ctan.org/pkg/grfpaste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grfpaste>
  - *The hline package. Better horizontal lines in tabulars and arrays*. 2023-06-09. Version 2.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
  - *The latex-context-ppchtex package. Legacy stub to allow loading pictex as m-pictex*. 2023-03-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-context-ppchtex>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-context-ppchtex>
  - *The ltxtable package. Longtable and tabularx merge*. 2022-03-14. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltxtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carlisle/ltxtable.tex>
  - *The makerobust209 package. Make an existing L<sup>A</sup>T<sub>E</sub>X command robust*. 2016-06-24. Version 1.01. LICENSE: noinfo. The package provides a command that converts the definition of a command to a robust one.  
 URL: <https://ctan.org/pkg/makerobust209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/makerobust.sty>
  - *The mylatex package. Make a format containing a document's preamble*. 2020-10-28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mylatex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mylatex>
  - *The nopageno package. No page numbers in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: lppl. LaTeX'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.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nopageno>
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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 .  
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URL: <https://ctan.org/pkg/mk>  
MIRROR: [https://mirror.ctan.org/support/latex\\_maker](https://mirror.ctan.org/support/latex_maker)
- *The mkipic package. Perl interface to mfpic*. 2016-06-24. Version 1.02. LICENSE: gpl. mkipic provides an easy interface for making small pictures with . To this end you create an input file consisting of commands, one per line, with space separated parameters (or you modify the DATA section of the mkipic script, which is used if you run it without an input file). For an extensive description see the file , which is part of the distribution.  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proofread>
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URL: <https://ctan.org/pkg/prv>  
MIRROR: <https://mirror.ctan.org/obsolete/support/prv>
  - *The texlog-extract package. Extract errors and warnings from T<sub>E</sub>X logs*. 2019-02-05. Version 3.04. LICENSE: gpl  
URL: <https://ctan.org/pkg/texlog-extract>  
MIRROR: [https://mirror.ctan.org/support/texlog\\_extract](https://mirror.ctan.org/support/texlog_extract)
  - *The vpp package. View and (selectively) Print PDF and PostScript*. 2018-04-04. Version 3.07. LICENSE: gpl. is a Bash script that displays a PDF or PostScript document (after conversion to PDF). The user can use the viewer to print the document or, alternatively, leave the viewer and use 's facilities to print selected pages to a one- or two-sided hardcopy or an A5-booklet: see the section /Page selection and other commands/ for the details. Instead of printing your selections, you can also save them into PDF files.  
URL: <https://ctan.org/pkg/vpp>  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-soroban>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nih>
- Donato, Paolo De. *The lt3rawobjects package. Objects and proxies in L<sup>A</sup>T<sub>E</sub>X3*. 2023-03-17. Version 2.3. LICENSE: gpl3+  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lt3rawobjects>
- *The resmes package. Measure restriction symbol in L<sup>A</sup>T<sub>E</sub>X*. 2022-12-29. Version 1.0. LICENSE: mit. This package provides a simple macro that prints the measure restriction symbol.  
 URL: <https://ctan.org/pkg/resmes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resmes>
- *The styledcmd package. Handling multiple versions of user-defined macros*. 2022-12-13. Version 2.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/styledcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/styledcmd>
- Dongdong, Lin. *The xtuthesis package. XTU thesis template*. 2018-04-29. Version 1.0. LICENSE: lpppl1.3  
 URL: <https://ctan.org/pkg/xtuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xtuthesis>
- Doob, Michael. *The gentle package. A Gentle Introduction to T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/gentle>  
 MIRROR: <https://mirror.ctan.org/info/gentle>
- Dood, Michiel de. *The lion-msc package. L<sup>A</sup>T<sub>E</sub>X class for B.Sc. and M.Sc. reports at Leiden Institute of Physics (LION)*. 2020-06-04. Version 0.30. LICENSE: lpppl1.3  
 URL: <https://ctan.org/pkg/lion-msc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lion-msc>
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 URL: <https://ctan.org/pkg/losymbol>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/losymbol.sty>
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 MIRROR: <https://mirror.ctan.org/info/lshort/mongolian/lshort-mongolian>
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 URL: <https://ctan.org/pkg/ltx2rtf>  
 MIRROR: <https://mirror.ctan.org/support/ltx2rtf>
- Dörntge, Rainer. *The magic package. A font to go with the Magic(TM) game*. 2016-06-24. LICENSE: other-free. A small set of symbols appropriate to the game. The font is expressed in Metafont; unusually, the size-specific file is input by , rather than the other way around.



- URL: <https://ctan.org/pkg/magic>  
MIRROR: <https://mirror.ctan.org/fonts/magic>
- Doron, Eyal. *The bibdb package. BibTeX bibliography manager for MS-Windows and MS-DOS*. 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/bibdb>  
MIRROR: <https://mirror.ctan.org/support/bibdb>
- Dossena, Riccardo. *The old-arrows package. Computer Modern old-style arrows with smaller arrowheads*. 2017-01-05. Version 2.0. LICENSE: lppl1.3. This package provides Computer Modern old-style arrows with smaller arrowheads, associated with the usual L<sup>A</sup>T<sub>E</sub>X commands. It can be used in documents that contain other arrow characters that also have small arrowheads. It is also possible to use the usual new-style Computer Modern arrows together with the old-style ones.  
URL: <https://ctan.org/pkg/old-arrows>  
MIRROR: <https://mirror.ctan.org/fonts/old-arrows>
- *The verifica package. Typeset (Italian high school) exercises*. 2020-10-10. Version 1.3. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/verifica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/verifica>
- Downes, Michael J. *The aro-bend package. Exercises in T<sub>E</sub>X, with answers*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/aro-bend>  
MIRROR: <https://mirror.ctan.org/info/challenges/aro-bend>
- *The cmdtrack package. Check used commands*. 2016-06-24. LICENSE: lppl1. The package keeps track of whether a command defined in a document preamble is actually used somewhere in the document. After the package is loaded in the preamble of a document, all (and similar command definitions) between that point and the beginning of the document will be marked for logging. At the end of the document a report of command usage will be printed in the T<sub>E</sub>X log, for example:  
URL: <https://ctan.org/pkg/cmdtrack>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdtrack>
  - *The dialogl package. Macros for constructing interactive L<sup>A</sup>T<sub>E</sub>X scripts*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/dialogl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dialogl>
  - *The patchcmd package. Change the definition of an existing command*. 2016-06-24. Version 1.05. LICENSE: lppl. The package provides a command that can be used to add material at the beginning and/or the end of the replacement text of an existing macro. It works for macros with any number of normal arguments, including those that were defined with .  
URL: <https://ctan.org/pkg/patchcmd>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/patchcmd>
  - *The showdim package. Variants on printing dimensions*. 2016-06-24. Version 1.2. LICENSE: lppl. A package for L<sup>A</sup>T<sub>E</sub>X providing a number of commands for printing the value of a T<sub>E</sub>X dimension. For example, yields the current value of rounded to the nearest tenth of a point.  
URL: <https://ctan.org/pkg/showdim>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/showdim/showdim.sty>
  - *The wordcount package. Estimate the number of words in a L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. Version 1.7. LICENSE: lppl. The package provides a relatively easy way of estimating the number of words in a L<sup>A</sup>T<sub>E</sub>X document that does not require or other DVI converters. It does however require something like Unix that can search a file for a particular string and report the number of matching lines. An accompanying shell script contains more information in its comments.  
URL: <https://ctan.org/pkg/wordcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wordcount>
- Downes, Michael J., Morten Høgholm, Lars Madsen, Will Robertson, and Joseph Wright. *The breqn package. Automatic line breaking of displayed equations*. 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/breqn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- *The mathstyle package. Manage mathematics typesetting style*. 2021-10-28. Version 0.98l. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/mathstyle>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Downes, Michael J. and Peter R. Wilson. *The around-the-bend package. Typeset exercises in T<sub>E</sub>X, with answers*. 2016-06-24. LICENSE: lppl. This is a typeset version of the files of the , plus three extra questions (with their answers) that Michael Downes didn't manage to get onto CTAN.  
URL: <https://ctan.org/pkg/around-the-bend>  
MIRROR: <https://mirror.ctan.org/info/challenges/AroBend>

- Dragone, Mario. *The xlatex package. A T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X shell for X-windows*. 2016-06-24. Version 3.3c. LICENSE: other-free  
 URL: <https://ctan.org/pkg/xlatex>  
 MIRROR: <https://mirror.ctan.org/support/xlatex>
- Drakos, Nikos, Ross Moore, Daniel Gildea, Paulo Ney de Souza, and Roland Stigge. *The latex2html package. Convert L<sup>A</sup>T<sub>E</sub>X into HTML documents*. 2019-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/latex2html>
- Drechsler, Patrick. *The pst-pad package. Draw simple attachment systems with PSTricks*. 2018-09-15. Version 0.3b. LICENSE: lppl. The package collects a set of graphical elements based on that can be used to facilitate display of attachment systems such as two differently shaped surfaces with or without a fluid wedged in between. These macros ease the display of wet adhesion models and common friction systems such as boundary lubrication, elastohydrodynamic lubrication and hydrodynamic lubrication.  
 URL: <https://ctan.org/pkg/pst-pad>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pad>
- Dreher, Simon. *The IMTEKda package. IMTEK thesis class*. 2016-06-24. Version 1.7. LICENSE: lppl  
 URL: <https://ctan.org/pkg/imtekda>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/imtekda>
- Dreuw, Philippe and Thomas Deselaers. *The beamerposter package. Extend beamer and a0poster for custom sized posters*. 2018-04-23. Version 1.13. LICENSE: lppl,gpl  
 URL: <https://ctan.org/pkg/beamerposter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamerposter>
- Drews, Aaron. *The pfdicons package. Draw process flow diagrams in chemical engineering*. 2021-07-28. Version 1.0a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pfdicons>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pfdicons>
- Dreyer, Alexander. *The namespc package. Rudimentary C++-like namespaces in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/namespc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/namespc>
- Droms, Ralph. *The txt package. Output documents via terminals, line printers, etc*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/txt>  
 MIRROR: <https://mirror.ctan.org/support/txt>
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 URL: <https://ctan.org/pkg/export>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/export>
- *The fepslatex package. French version of "graphics in L<sup>A</sup>T<sub>E</sub>X"*. 2016-06-24. LICENSE: gpl. This is the French translation of , and describes how to use imported graphics in L<sup>A</sup>T<sub>E</sub>X(2e) documents.  
 URL: <https://ctan.org/pkg/fepslatex>  
 MIRROR: <https://mirror.ctan.org/info/epslatex/french>
  - *The minitoc package. Produce a table of contents for each chapter, part or section*. 2021-10-31. Version 62. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/minitoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minitoc>
  - *The regcount package. Display the allocation status of the T<sub>E</sub>X registers*. 2016-06-24. Version 1.0. LICENSE: lppl. Adds a macro which displays the allocation status of the T<sub>E</sub>X registers. The display is written into the .log file as it is a bit verbose. An automatic call to is done at and .  
 URL: <https://ctan.org/pkg/regcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/regcount>
  - *The shorttoc package. Table of contents with different depths*. 2016-06-24. Version 1.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shorttoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shorttoc>
  - *The tabbing package. Tabbing with accented letters*. 2021-06-28. LICENSE: lppl1. By default, some of the tabbing environment's commands clash with default accent commands; L<sup>A</sup>T<sub>E</sub>X provides the odd commands , etc., to deal with the clash. The package offers a variant of the tabbing environment which does not create this difficulty, so that users need not learn two sets of accent commands.  
 URL: <https://ctan.org/pkg/tabbing>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/Tabbing>
  - *The translation-array-fr package. French translation of the documentation of array*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .

- URL: <https://ctan.org/pkg/translation-array-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/array/fr>
- Drucbert, Jean-Pierre. *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 Tabbings*. 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/translation-tabbing-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/Tabbing/fr>
- Drucbert, Jean-Pierre and Patrick W. Daly. *The translation-natbib-fr package. French translation of the documentation of natbib*. 2016-06-24. LICENSE: lppl. A French translation of the documentation of .  
 URL: <https://ctan.org/pkg/translation-natbib-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/natbib/fr>
- Drucbert, Jean-Pierre and Mathieu Goutelle. *The booktabs-fr package. French translation of booktabs documentation*. 2016-06-24. Version 1.00. LICENSE: lppl  
 URL: <https://ctan.org/pkg/booktabs-fr>  
 MIRROR: <https://mirror.ctan.org/info/translations/booktabs/fr>
- Dryllerakis, K J. *The kdgreek package. Greek fonts and macros*. 2016-06-24. Version 3.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/kdgreek>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/kd>
- Du, Sicheng. *The gradient-text package. Decorate text with linear gradient colors*. 2023-01-24. Version 1.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/gradient-text>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gradient-text>
- *The maze package. Generate random mazes*. 2023-01-10. Version 1.2. LICENSE: lppl1.3c. This package can generate random square mazes of a specified size. The mazes generated by this package are natural and their solution is not too obvious. The output it based on the environment.  
 URL: <https://ctan.org/pkg/maze>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/maze>
- Duan, Charles. *The randtext package. Randomise the order of characters in strings*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/randtext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/randtext>
- *The switcheml package. Obfuscate email addresses (now obsolete)*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/switcheml>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/switcheml>
- Dübendorfer, Marco. *The grafik package. EPS graphics under Windows*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/grafik>  
 MIRROR: [https://mirror.ctan.org/info/german/grafik/eps\\_anleitung.html](https://mirror.ctan.org/info/german/grafik/eps_anleitung.html)
- Duchi, Claudio. *The datetime2-it-fulltext package. Italian full text styles for the datetime2 package*. 2016-06-24. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/datetime2-it-fulltext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-it-fulltext>
- Duchier, Denys. *The bigtabular package. Tabulars that can split at page boundaries*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bigtabular>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/bigtabular.sty>
- *The secret package. Put security classification marks in a document*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/secret>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/secret.sty>
- Dudebout, Nicolas. *The matrix-skeleton package. A PGF/TikZ library that simplifies working with multiple matrix nodes*. 2022-11-14. Version 1.1. LICENSE: isc. The package provides a PGF/TikZ library that simplifies working with multiple matrix nodes. To do so, it correctly aligns groups of nodes with the content of the whole matrix. Furthermore, provides rows and columns for easy styling.

- URL: <https://ctan.org/pkg/matrix-skeleton>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/matrix-skeleton>
- Duggan, Angus. *The dvibook package. Utilities for manipulating DVI files.* 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/dvibook>  
MIRROR: <https://mirror.ctan.org/dviware/dvibook>
- *The PBMtoPK package. Conversion between PBM and PK formats.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/pbmtopk>  
MIRROR: <https://mirror.ctan.org/graphics/pbmtopk>
  - *The PicTeXsum package. A summary of PicTeX commands.* 2016-06-24. LICENSE: other-free. The document summarises the commands of PicTeX. While it is no substitute for the PicTeX manual itself (available from ), the document is a useful aide-memoire for those who have read the manual.  
URL: <https://ctan.org/pkg/pictexsum>  
MIRROR: <https://mirror.ctan.org/info/pictex/summary>
  - *The psmerge package. Concatenate PostScript files.* 2016-06-24. Version p17. LICENSE: other-free  
URL: <https://ctan.org/pkg/psmerge>
  - *The psutils package. PostScript utilities.* 2021-08-26. Version p17. LICENSE: other-free  
URL: <https://ctan.org/pkg/psutils>
  - *The vplutils package. Manipulate (virtual) property lists.* 2016-06-24. LICENSE: other-free. The first two of a planned suite of tools, these are Perl scripts: – makevpl, which merges PL and VPL files, creating a VPL file, and – spacevpl, which alters the spacing in a PL or VPL file.  
URL: <https://ctan.org/pkg/vplutils>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/vplutils>
- Dumont, Bastien. *The crossrefenum package. Smart typesetting of enumerated cross-references for various T<sub>E</sub>X formats.* 2023-02-20. Version 1.0.2. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/crossrefenum>  
MIRROR: <https://mirror.ctan.org/macros/generic/crossrefenum>
- Dungs, Kevin. *The fontmfizz package. Font Mfizz icons for use in L<sup>A</sup>T<sub>E</sub>X.* 2017-04-18. LICENSE: mit  
URL: <https://ctan.org/pkg/fontmfizz>  
MIRROR: <https://mirror.ctan.org/fonts/fontmfizz>
- Dunn, Brian. *The docsurvey package. A survey of L<sup>A</sup>T<sub>E</sub>X documentation.* 2021-12-30. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/docsurvey>  
MIRROR: <https://mirror.ctan.org/info/docsurvey>
- *The dtxdescribe package. Describe additional object types in dtx source files.* 2023-01-03. Version 1.07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/dtxdescribe>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dtxdescribe>
  - *The keyfloat package. Provides a key/value interface for generating floats.* 2023-01-03. Version 2.08. LICENSE: lppl1.3. The keyfloat package provides a key/value user interface for quickly creating figures with a single image each, figures with arbitrary contents, tables, subfloats, rows of floats, floats located [H]ere, floats in the [M]argin, and floats with text [W]rapped around them. Key/value combinations may specify a caption and label, a width proportional to \linewidth, a fixed width and/or height, rotation, scaling, a tight or loose frame, an \arraystretch, a continued float, additional supplemental text, and an artist/author’s name with automatic index entry. When used with the tocdata package, the name also appears in the List of Figures. Floats may be placed into a row environment, and are typeset to fit within the given number of columns, continuing to the next row if necessary. Nested sub-rows may be used to generate layouts such as two small figures placed vertically next to one larger figure. Subfloats are supported by two environments.  
URL: <https://ctan.org/pkg/keyfloat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyfloat>
  - *The labelschanged package. Identify labels which cause endless “may have changed” warnings.* 2017-12-13. Version 1.0. LICENSE: pd  
URL: <https://ctan.org/pkg/labelschanged>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labelschanged>
  - *The lwarp package. Converts L<sup>A</sup>T<sub>E</sub>X to HTML.* 2023-08-28. Version 0.912. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/lwarp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lwarp>

- Dunn, Brian. *The metalogox package. Adjust T<sub>E</sub>X logos, with font detection*. 2023-06-29. Version 1.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/metalogox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/metalogox>
- *The tocdata package. Adds names to chapters, sections, figures in the TOC and LOF*. 2023-01-03. Version 2.05. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tocdata>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tocdata>
- Dupuis, Étienne. *The igo package. Fonts and macro to typeset Go diagrams*. 2016-06-24. Version 0.62. LICENSE: lppl1.3. This package is based on the package written in 1991 by Hanna Kołodziejska which provides typesetting facilities for Go games and positions. Although igo contains roughly the same commands as the original package and uses the fonts created by Kołodziejska, it has been improved in a number of ways. It uses command names less likely to conflict with standard AMS packages. It allows different board sizes to be used. It understands a standardized notation for board coordinates. And it provides a facility to work on more than one board. Moreover, a few commands were reworked to define positions or game sequences more conveniently.  
 URL: <https://ctan.org/pkg/igo>  
 MIRROR: <https://mirror.ctan.org/fonts/igo>
- Dupuis, Jean-François. *The bondgraph package. Create bond graph figures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package draws bond graphs using .  
 URL: <https://ctan.org/pkg/bondgraph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bondgraph>
- Dupuis, Pierre. *The alertmessage package. Alert messages for L<sup>A</sup>T<sub>E</sub>X*. 2017-04-18. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/alertmessage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alertmessage>
- Dussa, Tobias. *The papercdcase package. Origami-style folding paper CD case*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/papercdcase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/papercdcase>
- *The swrule package. Lines thicker in the middle than at the ends*. 2020-04-11. LICENSE: other-free  
 URL: <https://ctan.org/pkg/swrule>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/swrule.sty>
- Eastin, Bryan, Steven Flammia, and Travis L. Scholten. *The qcircuit package. Macros to generate quantum circuits*. 2018-08-14. Version 2.6.0. LICENSE: gpl2. The package supports those within the quantum information community who typeset quantum circuits, using package, offering macros designed to help users generate circuits.  
 URL: <https://ctan.org/pkg/qcircuit>  
 MIRROR: <https://mirror.ctan.org/graphics/qcircuit>
- Ebermann, Paul. *The dateiliste package. Extensions of the \listfiles concept*. 2016-06-24. Version 0.6. LICENSE: lppl. The package provides a file list (similar to that offered by ), neatly laid out as a table. The main document can be included in the list, and a command is available for providing RCS-maintained data for printing in the file list.  
 URL: <https://ctan.org/pkg/dateiliste>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dateiliste>
- *The exp-testopt package. Expandable \@testopt (and related) macros*. 2016-06-24. Version 0.3. LICENSE: lppl. The package provides an expandable variant of the L<sup>A</sup>T<sub>E</sub>X kernel command , named , and a more general , both intended for package writers. Also we have a variant of which uses these macros to check for optional arguments.  
 URL: <https://ctan.org/pkg/exp-testopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exp-testopt>
  - *The extpfeil package. Extensible arrows in mathematics*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides some more extensible arrows (usable in the same way as from amsmath), and a simple command to create new ones.  
 URL: <https://ctan.org/pkg/extpfeil>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/extpfeil>
  - *The faktor package. Typeset quotient structures with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.1b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/faktor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/faktor>
  - *The gmdoc-enhance package. Some enhancements to the gmdoc package*. 2016-06-24. Version 0.2. LICENSE: lppl. This package provides some enhancements for the package: nicer formatting for multiple line inline comments, an ability to "comment out" some code, and a macro to input other files in "normal" L<sup>A</sup>T<sub>E</sub>X mode.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minipage-marginpar>
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 URL: <https://ctan.org/pkg/noitcrul>  
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 URL: <https://ctan.org/pkg/pauldoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pauldoc>
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 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 , which checks for the existence of a command before declaring it robust.  
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 MIRROR: <https://mirror.ctan.org/fonts/arvo>
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 MIRROR: <https://mirror.ctan.org/fonts/cascadia-code>
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 URL: <https://ctan.org/pkg/gudea>  
 MIRROR: <https://mirror.ctan.org/fonts/gudea>
  - *The hindmadurai package. The HindMadurai font face with support for L<sup>A</sup>T<sub>E</sub>X and pdfLaTeX*. 2021-01-13. Version 0.0.1. LICENSE: ofl,lppl  
 URL: <https://ctan.org/pkg/hindmadurai>  
 MIRROR: <https://mirror.ctan.org/fonts/hindmadurai>
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 URL: <https://ctan.org/pkg/refstyle>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifmslide>
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 URL: <https://ctan.org/pkg/addtoluatexpath>  
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 URL: <https://ctan.org/pkg/autopuncitems>  
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 URL: <https://ctan.org/pkg/oldstyle>  
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MIRROR: <https://mirror.ctan.org/graphics/figput>

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

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

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

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

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

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

— *The phfnote package. Basic formatting for short documents*. 2021-10-11. Version 4.0. LICENSE: lppl1.3

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

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

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

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— *The phfsvnwatermark package. Watermarks with version control information from SVN*. 2017-04-18. Version 1.0. LICENSE: lppl1.3. This package allows you to add version control information as a gray watermark on each page of your document. The SVN info is read from keyword tags such as , , and via the or packages.

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

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

— *The phfthm package. Goodies for theorems and proofs*. 2021-10-11. Version 1.2. LICENSE: lppl1.3. This package provides enhanced theorem and proof environments based on the original versions. It allows for hooks to be placed, adds some default goodies and is highly customizable. In particular, it can connect theorems to proofs, automatically producing text such as “See proof on page XYZ” and “Proof of Theorem 4: ...”.

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

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 URL: <https://ctan.org/pkg/dejavu>  
 MIRROR: <https://mirror.ctan.org/fonts/dejavu>
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 URL: <https://ctan.org/pkg/paratype>  
 MIRROR: <https://mirror.ctan.org/fonts/paratype>
  - *The ptsans package. PT Sans font and L<sup>A</sup>T<sub>E</sub>X support*. 2016-06-24. Version 2.003. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ptsans>  
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 MIRROR: <https://mirror.ctan.org/graphics/dot2tex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/dynblocks>
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 URL: <https://ctan.org/pkg/engtlc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engtlc>
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 MIRROR: <https://mirror.ctan.org/language/serbian/filipovic/he-le-na>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/srbook-mem>
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 URL: <https://ctan.org/pkg/serbian-def-cyr>  
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 URL: <https://ctan.org/pkg/serbian-lig>  
 MIRROR: <https://mirror.ctan.org/language/serbian/filipovic/serbian-lig>
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 URL: <https://ctan.org/pkg/serbianpart>  
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 URL: <https://ctan.org/pkg/sr-half-compound>  
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  - *The sr-hyphen-spec package. Hyphenation of special cases in Serbian*. 2016-06-24. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/gentl-gr>  
 MIRROR: <https://mirror.ctan.org/info/greek/gentle>
  - *The hyphenation-greek package. Hyphenation patterns for ancient and modern Greek*. 2016-06-24. Version 4.0. LICENSE: lppl. Contains the hyphenation patterns for ancient Greek and modern Greek in polytonic (multi-accent) and monotonic (uni-accent) systems. The hyphenation patterns will work perfectly with the babel option or with Dryllerakis’ GreeKTeX. The patterns can easily be converted for use with the fonts (see the package), or with Omega/Lambda (see the package). For any other Greek package, the patterns will have to be re-coded.  
 URL: <https://ctan.org/pkg/hyphenation-greek>  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabverb.sty>
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 The names of chemical compounds often have prefixes that do not contribute to the alphabetic sorting of the corresponding index entry. This drawback can be circumvented by introducing sort keys into the index entry; the corridx package does this automatically. This package replaces the old Pascal program .  
 URL: <https://ctan.org/pkg/corridx-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/corridx>
- *The corridx-obsolete package. Add index entries to L<sup>A</sup>T<sub>E</sub>X document.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/corridx-obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete/indexing/corridx>
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 URL: <https://ctan.org/pkg/tabularborder>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularborder>
- Fink, Werner and Jürgen Bachteler. *The boldtensors package. Bold latin and greek characters through simple prefix characters.* 2016-06-24. LICENSE: gpl. This package provides bold latin and greek characters within , by using and ” as prefix characters.  
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 URL: <https://ctan.org/pkg/biblatex-unified>  
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 URL: <https://ctan.org/pkg/algorithm2e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/algorithm2e>
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URL: <https://ctan.org/pkg/chessboard>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chessboard>
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URL: <https://ctan.org/pkg/chessfss>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chessfss>
  - *The citeall package. Cite all entries of a bbl created with BibLaTeX*. 2023-03-09. Version 1.4. LICENSE: lpl1.3. This small package allows to cite all entries of a -file created with (v1.9).  
URL: <https://ctan.org/pkg/citeall>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/citeall>
  - *The combofont package. Add NFSS-declarations of combo fonts to LuaL<sup>A</sup>T<sub>E</sub>X documents*. 2023-03-09. Version 0.3. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/combofont>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/combofont>
  - *The enpassant package. Enpassant chess font support*. 2023-03-09. Version 1.1. LICENSE: lpl. The package contains the necessary files to use free chess fonts from the (or on CTAN), with (La)TeX. For some of the fonts the pfb-file is also part of the package, or is available elsewhere on CTAN. For others the pfb must be made from the original ttf from the enpassant site. Instructions about the conversion and the use of the font can be found in the documentation of chessfss.  
URL: <https://ctan.org/pkg/enpassant>  
MIRROR: <https://mirror.ctan.org/fonts/chess/enpassant>
  - *The fontloader-luaotfload package. Alternative fontloaders for luaotfload*. 2023-03-09. Version 1.0. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/fontloader-luaotfload>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/generic/fontloader-luaotfload>
  - *The newpax package. Experimental package to extract and reinsert PDF annotations*. 2023-11-08. Version 0.55. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/newpax>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/newpax>
  - *The returntogrid package. Semi-automatic grid typesetting*. 2023-03-09. Version 0.2. LICENSE: lpl1.3c. offers a few commands to get something like an simple, semi-automatic grid typesetting. It does more or less what the existing `package` does. The main differences to are that works also with LuaL<sup>A</sup>T<sub>E</sub>X and that it has also a command to do some horizontal movements to get to “tab” positions.  
URL: <https://ctan.org/pkg/returntogrid>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/returntogrid>
  - *The tagpdf package. Tools for experimenting with tagging using pdfL<sup>A</sup>T<sub>E</sub>X and LuaLaTeX*. 2023-10-27. Version 0.98m. LICENSE: lpl1.3c  
URL: <https://ctan.org/pkg/tagpdf>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tagpdf>
  - *The xskak package. An extension to the skak package for chess typesetting*. 2023-03-09. Version 1.5. LICENSE: lpl  
URL: <https://ctan.org/pkg/xskak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xskak>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancyhandout>
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 URL: <https://ctan.org/pkg/luakeys>  
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 URL: <https://ctan.org/pkg/tex2bib>  
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 URL: <https://ctan.org/pkg/texdepend>  
 MIRROR: <https://mirror.ctan.org/support/texdepend>
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 URL: <https://ctan.org/pkg/circledtext>  
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  - *The joinbox package. Join boxes vertically or horizontally*. 2023-08-21. Version 1.0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/joinbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/joinbox>
  - *The nwafuthesis package. A thesis template package for Northwest A&F University, China*. 2023-04-19. Version 1.25. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/nwafuthesis>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/nwafuthesis>
  - *The pascaltriangle package. Draw beautiful Pascal (Yanghui) triangles*. 2022-01-28. Version 1.0.1. LICENSE: lppl1.3c. This L<sup>A</sup>T<sub>E</sub>X3 package based on helps to generate beautiful Pascal (Yanghui) triangles. It provides a unique drawing macro which can generate isosceles or right-angle triangles customized by means of different macro options or the macro.  
 URL: <https://ctan.org/pkg/pascaltriangle>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pascaltriangle>
  - *The termsim package. Simulate Win10, Ubuntu, and Mac terminals*. 2022-01-03. Version 1.1.1. LICENSE: lppl1.3c. This L<sup>A</sup>T<sub>E</sub>X3 package provides environments and , and macros and to simulate Win10, Ubuntu and Mac terminals. It is based on , and .  
 URL: <https://ctan.org/pkg/termsim>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/termsim>
- Georgakopoulos, Dimitrios. *The uhthesis package. University of Houston thesis document style*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/uhthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/uhthesis.sty>
- Gerdes, Peter M. *The rec-thy package. Commands to typeset recursion theory papers*. 2022-07-26. Version 3.8.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/rec-thy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rec-thy>
- Gerell, Johann. *The hiiowres package. Support high and low resolution versions of same picture*. 2019-06-21. Version 1.0. LICENSE: other-nonfree. A package to simplify the inclusion of low resolution versions of high resolution images, if each pair of files have the same basename (e.g., and ). The package is a simple wrapper around the command of the package.



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hilowres>
- Gerhardt, Claus. *The refreshpdf package. Refresh PDF files "remotely"*. 2016-06-24. LICENSE: lpl
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MIRROR: <https://mirror.ctan.org/support/refreshpdf>
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- URL: <https://ctan.org/pkg/context-cyrillicnumbers>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-cyrillicnumbers>
- *The context-rst package. Process reStructuredText with ConTeXt*. 2023-10-14. LICENSE: other-free
- URL: <https://ctan.org/pkg/context-rst>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-rst>
- *The context-transliterator package. Transliterate text from 'other' alphabets*. 2016-06-24. LICENSE: bsd
- URL: <https://ctan.org/pkg/context-transliterator>  
MIRROR: <https://mirror.ctan.org/macros/context/contrib/context-transliterator>
- *The enigma package. Encrypt documents with a three rotor Enigma*. 2016-06-24. Version 0.1. LICENSE: bsd
- URL: <https://ctan.org/pkg/enigma>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/enigma>
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- URL: <https://ctan.org/pkg/asapsym>  
MIRROR: <https://mirror.ctan.org/fonts/asapsym>
- *The mugsthesi package. Thesis class complying with Marquette University Graduate School requirements*. 2022-09-01. Version 1.1. LICENSE: lpl1.3. The bundle offers a thesis class, based on , that complies with Marquette University Graduate School requirements.
- URL: <https://ctan.org/pkg/mugsthesi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mugsthesi>
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- URL: <https://ctan.org/pkg/directory>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/directory>
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- URL: <https://ctan.org/pkg/metauml>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/metauml>
- Gheri, Andrea. *The mycv package. A list-driven CV class, allowing TikZ decorations*. 2016-06-24. Version 1.5.6. LICENSE: lpl1.3. The class provides a set of functionality for writing “curriculum vitae” with different layouts. The idea is that a user can write some custom configuration directives, by means of which is possible both to produce different c.v. layouts and quickly switch among them. In order to process such directives, the class uses a set of lists, provided by the package . Basic support for using decorations is also provided.
- URL: <https://ctan.org/pkg/mycv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mycv>
- Ghibo, Giuseppe. *The mma2ltx package. Use Mathematica graphics in a L<sup>A</sup>T<sub>E</sub>X document*. 2018-01-06. Version 1.23. LICENSE: shareware
- URL: <https://ctan.org/pkg/mma2ltx>  
MIRROR: <https://mirror.ctan.org/graphics/mma2ltx>
- Giacomelli, Roberto. *The barracuda package. Draw barcodes with Lua*. 2022-06-23. Version 0.0.12. LICENSE: gpl2. The library is a modular Lua package for drawing barcode symbols. It provides modules for writing barcodes from a LuaT<sub>E</sub>X document. It is also possible to use Barracuda with a standalone Lua interpreter to draw barcodes in different graphic formats like SVG.
- URL: <https://ctan.org/pkg/barracuda>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/barracuda>
- *The calctab package. Language for numeric tables*. 2016-06-24. Version 0.6.1. LICENSE: lpl. The calctab package helps the user to typeset a kind of economic table such as invoices, expense notes and liquidation, or other tabular material with a values column. The code computes sum and percentage with floating point numeric methods (using the package) and builds the render table task.
- URL: <https://ctan.org/pkg/calctab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calctab>
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 URL: <https://ctan.org/pkg/fetchcls>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchcls>
- *The lccaps package. Lowercased (spaced) small capitals*. 2018-01-26. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/lccaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lccaps>
  - *The stealcaps package. “Steal” small capitals*. 2022-11-07. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/stealcaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stealcaps>
- Giauffret, Thibault. *The tikz-osci package. Produce oscilloscope “screen shots”*. 2023-10-24. Version 0.4.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-osci>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-osci>
- Gibbons, Jeremy and Alan Jeffrey. *The diagramf package. Labelled diagrams in Metafont*. 2016-06-24. Version 1.1. LICENSE: noinfo.  
 The package provides a means of labelling diagrams each produced as a Metafont character in a ‘font’ which is produced using the Metafont package. L<sup>A</sup>T<sub>E</sub>X passes data to Metafont (by ordinary L<sup>A</sup>T<sub>E</sub>X file-writing mechanisms), and Metafont writes stuff into its log-file, which must then be extracted into a different file so that L<sup>A</sup>T<sub>E</sub>X can see it.  
 URL: <https://ctan.org/pkg/diagramf>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/diagramf>
- Giese, Martin and Herbert Voß. *The pst-blur package. PSTricks package for “blurred” shadows*. 2016-06-24. Version 2.0. LICENSE: lppl.  
 Pst-blur is a package built for use with . It provides macros that apply blurring to the normal shadow function of PSTricks.  
 URL: <https://ctan.org/pkg/pst-blur>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-blur>
- *The pst-slpe package. Sophisticated colour gradients*. 2018-09-15. Version 1.31. LICENSE: lppl. This package covers all the colour gradient functionality of pst-grad (part of the base PSTricks distribution), and provides the following facilities:  
 URL: <https://ctan.org/pkg/pst-slpe>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-slpe>
- Giesekeing, Martin. *The dvisvgm package. Convert DVI, EPS, and PDF files to Scalable Vector Graphics format (SVG)*. 2023-07-07. Version 3.1. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/dvisvgm>  
 MIRROR: <https://mirror.ctan.org/dviware/dvisvgm>
- Gil, Yossi. *The addindex package. Add index entries to L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. LICENSE: noinfo. Addindex is C/Lex program to add index entries to a L<sup>A</sup>T<sub>E</sub>X document. You start with a ‘names database’, which looks like the section of a BibTeX database; addindex scans your L<sup>A</sup>T<sub>E</sub>X file for strings in the database, and adds commands for each match.  
 URL: <https://ctan.org/pkg/addindex>  
 MIRROR: <https://mirror.ctan.org/indexing/addindex>
- *The bashful package. Invoke bash commands from within L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.93. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/bashful>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bashful>
  - *The unisugar package. Define syntactic sugar for Unicode L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.92. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/unisugar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/unisugar>
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 MIRROR: [https://mirror.ctan.org/web/c\\_cpp/ctie](https://mirror.ctan.org/web/c_cpp/ctie)
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 URL: <https://ctan.org/pkg/labels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels>
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 URL: <https://ctan.org/pkg/ucthesi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ucthesi>

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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/geophysics.sty>
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 URL: <https://ctan.org/pkg/headerfooter>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/headerfooter.sty>
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 URL: <https://ctan.org/pkg/underlin-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/underlin.tex>
- 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.  
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 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-moire>
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 URL: <https://ctan.org/pkg/prodint>  
 MIRROR: <https://mirror.ctan.org/fonts/prodint>
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 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*. 2023-09-02. Version 1.0. 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>

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 URL: <https://ctan.org/pkg/pst-light3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-light3d>
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 URL: <https://ctan.org/pkg/pst-fill>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fill>
- *The pst-gantt package. Draw GANTT charts with PSTricks*. 2018-09-15. Version 0.22a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-gantt>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gantt>
  - *The pst-gr3d package. Three dimensional grids with PSTricks*. 2016-06-24. Version 1.34. LICENSE: lppl. This package provides a command that will draw a three dimensional grid, offering a number of options for its appearance.  
 URL: <https://ctan.org/pkg/pst-gr3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-gr3d>
  - *The pst-ob3d package. Three dimensional objects using PSTricks*. 2020-03-24. Version 0.22. LICENSE: lppl. The package uses to provide basic three-dimensional objects. As yet, only cubes (which can be deformed to rectangular parallelepipeds) and dies (which are only a special kind of cubes) are defined.  
 URL: <https://ctan.org/pkg/pst-ob3d>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-ob3d>
  - *The pst-poly package. Polygons with PSTricks*. 2018-09-15. Version 1.63. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-poly>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poly>
- Gjelstad, Ellef. *The UML package. UML diagrams in L<sup>A</sup>T<sub>E</sub>X*. 2018-09-15. Version 0.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/uml>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/uml>
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 URL: <https://ctan.org/pkg/shadbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadbox>
- *The tracking package. Adjust tracking of strings*. 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/tracking>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tracking/tracking.sty>
- Gleason, Jonathan. *The eqnnumwarn package. Modifies the amsmath equation environments to warn for a displaced equation number*. 2018-01-07. Version 1.0. LICENSE: lppl1.3. Sometimes an equation is too long that an equation number will be typeset below the equation itself, but yet not long enough to yield an "overfull \hbox" warning. The package modifies the standard amsmath numbered equation environments to throw a warning whenever this occurs.  
 URL: <https://ctan.org/pkg/eqnnumwarn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnnumwarn>
- Glenn, Paulley. *The chicago package. A "Chicago" bibliography style*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/chicago>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/chicago>
- *The chicagoo package. "Chicago" bibliography style with annotations*. 2016-06-24. LICENSE: other-free. This is a modification of the author's style, to support an 'annotation' field in bibliographies.  
 URL: <https://ctan.org/pkg/chicagoo>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/chicagoo.bst>
- Gliboff, Sander. *The biblatex-historian package. A BibL<sup>A</sup>T<sub>E</sub>X style*. 2016-06-24. Version 0.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/biblatex-historian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-historian>
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 URL: <https://ctan.org/pkg/glonti>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/glonti>
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 MIRROR: <https://mirror.ctan.org/support/pstoeedit>
- Goatley, Hunter. *The italic package. Automatic italic correction for italic and slanted text.* 2016-06-24. LICENSE: noinfo. The package defines commands and , somewhat simpler than those in , which package has wider coverage.  
 URL: <https://ctan.org/pkg/italic>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/italic.sty>
- *The newletr package. Macros for making newsletters with Plain T<sub>E</sub>X.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/newletr>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/newletr>
- *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  
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 MIRROR: <https://mirror.ctan.org/support/acroreloadpdf>
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 URL: <https://ctan.org/pkg/animate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/animate>
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  - *The movie15 package. Multimedia inclusion package.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/movie15>  
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 URL: <https://ctan.org/pkg/ocgx2>  
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 URL: <https://ctan.org/pkg/portable-miktex>  
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URL: <https://ctan.org/pkg/revquantum>  
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URL: <https://ctan.org/pkg/coolfn>  
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URL: <https://ctan.org/pkg/luaquotes>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luaquotes>
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MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/textcsc>
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MIRROR: <https://mirror.ctan.org/info/examples/FirstSteps>
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URL: <https://ctan.org/pkg/bibhtml>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bibhtml>
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URL: <https://ctan.org/pkg/dvi2bitmap>  
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 URL: <https://ctan.org/pkg/feynmp-auto>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/feynmp-auto>
  - *The fixcmex package. Fully scalable version of Computer Modern Math Extension font*. 2021-09-16. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fixcmex>  
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 URL: <https://ctan.org/pkg/itnumpar>  
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 URL: <https://ctan.org/pkg/kantlipsum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kantlipsum>
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 URL: <https://ctan.org/pkg/newunicodechar>  
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 URL: <https://ctan.org/pkg/usebib>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coordsys>
  - *The shortlst package. Compact lists by running several items per line*. 2016-06-24. Version 1.1. LICENSE: nosell  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shortlst>
  - *The twoup1tx package. Print two virtual pages on each physical page*. 2016-06-24. Version 1.3. LICENSE: lppl  
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- Happel, Patrick. *The unitsdef package. Typesetting units in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.2. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unitsdef>
- Happel, Patrick and Phelype Oleinik. *The lipsum package. Easy access to the Lorem Ipsum and other dummy texts*. 2021-09-20. Version 2.7. LICENSE: lppl1.3. This package gives you easy access to 150 paragraphs of the Lorem Ipsum dummy text provided by , plus a growing list of other dummy texts in different languages.  
 URL: <https://ctan.org/pkg/lipsum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lipsum>
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- includes the bbl file into the resulting file. The result is therefore a stand-alone L<sup>A</sup>T<sub>E</sub>X file that can be emailed to a collaborator.  
 URL: <https://ctan.org/pkg/flatex>  
 MIRROR: <https://mirror.ctan.org/support/flatex>
- Haralambous, Yannis. *The dad package. Simple typesetting system for mixed Arabic/Latin documents*. 2018-03-19. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dad>  
 MIRROR: <https://mirror.ctan.org/language/arabic/dad>
- *The patgen2-tutorial package. A tutorial on the use of Patgen 2*. 2021-03-29. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/patgen2-tutorial>  
 MIRROR: <https://mirror.ctan.org/info/patgen2-tutorial>
  - *The yfrak package. Old German Fraktur font*. 2017-01-21. LICENSE: pd  
 URL: <https://ctan.org/pkg/yfrak>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/yfrak>
  - *The ygoth package. Old German Gothic font*. 2017-01-21. LICENSE: pd  
 URL: <https://ctan.org/pkg/ygoth>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/ygoth>
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 URL: <https://ctan.org/pkg/yinit>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/yinit>
  - *The yinit-otf package. OTF conversion of Yannis Haralambous' Old German decorative initials*. 2016-06-24. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/yinit-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/yinit-otf>
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 URL: <https://ctan.org/pkg/yswab>  
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 URL: <https://ctan.org/pkg/bibtexu>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/bibtex-x>
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 URL: <https://ctan.org/pkg/omega>  
 MIRROR: <https://mirror.ctan.org/obsolete/systems/omega>
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 URL: <https://ctan.org/pkg/yhmth>  
 MIRROR: <https://mirror.ctan.org/fonts/yhmth>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-jura>
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- Harders, Harald. *The bgteubner package. Class for producing books for the publisher “Teubner Verlag”*. 2019-03-12. Version 2.11. LICENSE: lppl  
 URL: <https://ctan.org/pkg/bgteubner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bgteubner>
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 URL: <https://ctan.org/pkg/fnbreak>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnbreak>
  - *The germbib package. German variants of standard BibTeX styles*. 2019-03-12. LICENSE: other-free  
 URL: <https://ctan.org/pkg/germbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/germbib>
  - *The ginpenc package. Modification of inputenc for German*. 2019-03-12. Version 1.0. LICENSE: lppl. If the is used and German umlauts are input directly, they are converted to the LICR representation (etc.). This breaks the sort algorithm of , for instance. Ginpenc converts umlauts and the sharp-s to the short forms defined by , e.g., instead, if the text is typeset in German.  
 URL: <https://ctan.org/pkg/ginpenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ginpenc>
  - *The hfbright package. The hfbright fonts*. 2019-03-12. LICENSE: lppl. These are Adobe Type 1 versions of the OT1-encoded and maths parts of the fonts.  
 URL: <https://ctan.org/pkg/hfbright>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/hfbright>
  - *The hfoldsty package. Old style numerals with EC fonts*. 2019-03-12. Version 1.15. LICENSE: gpl. The hfoldsty package provides virtual fonts for using oldstyle (0123456789) figures with the European Computer Modern fonts. It does a similar job as the package by Sebastian Kirsch but includes a couple of improvements, i.e., better kerning with guillemets, and support for character protruding using the package.  
 URL: <https://ctan.org/pkg/hfoldsty>  
 MIRROR: <https://mirror.ctan.org/fonts/hfoldsty>
  - *The hhtensor package. Print vectors, matrices, and tensors*. 2019-03-12. Version 0.61. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hhtensor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hhtensor>
  - *The isodate package. Tune the output format of dates according to language*. 2019-03-12. Version 2.28. LICENSE: lppl  
 URL: <https://ctan.org/pkg/isodate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isodate>
  - *The kerntest package. Print tables and generate control files to adjust kernings*. 2019-03-12. Version 1.32. LICENSE: lppl  
 URL: <https://ctan.org/pkg/kerntest>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kerntest>
  - *The latexfileversion package. Prints the version and date of a L<sup>A</sup>T<sub>E</sub>X class or style file*. 2019-03-12. Version 0.3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latexfileversion>  
 MIRROR: <https://mirror.ctan.org/support/latexfileversion>
  - *The leftidx package. Left and right subscripts and superscripts in math mode*. 2019-03-12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/leftidx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leftidx>
  - *The makebox package. Defines a \makebox\* command*. 2019-03-12. Version 0.1. LICENSE: 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>
- Harders, Harald. *The repeatindex package. Repeat items in an index after a page or column break.* 2019-03-12. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/repeatindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repeatindex>
- *The slantsc package. Access different-shaped small-caps fonts.* 2019-03-12. Version 2.11. LICENSE: lppl. This package enables the use of small capitals in different font shapes, e.g., slanted or bold slanted for all fonts that provide appropriate font shapes. (Note that a separate file is needed to define font shapes such as ‘scsl’ or ‘scit’).  
 URL: <https://ctan.org/pkg/slantsc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slantsc>
  - *The subfloat package. Sub-numbering for figures and tables.* 2019-03-12. Version 2.14. LICENSE: lppl  
 URL: <https://ctan.org/pkg/subfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subfloat>
  - *The substr package. Deal with substrings in strings.* 2019-03-12. Version 1.2. LICENSE: 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>
- Harders, Harald and Bjørn Pedersen. *The miller package. Typeset miller indices.* 2019-03-12. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/miller>  
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- Harders, Harald and Norbert Preining. *The babelbib package. Multilingual bibliographies.* 2021-01-07. Version 1.34. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/babelbib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/babelbib>
- Hardy, Lucien. *The duotenzor package. Drawing package for circuit and duotensor diagrams.* 2016-06-24. Version 1.00. LICENSE: lppl1.3.  
 This is a drawing package for circuit and duotensor diagrams within L<sup>A</sup>T<sub>E</sub>X documents. It consists of about eighty commands, calling on for support.  
 URL: <https://ctan.org/pkg/duotenzor>  
 MIRROR: <https://mirror.ctan.org/graphics/duotenzor>
- Harendal, Hirwen and Clea F. Rees. *The libris package. Libris ADF fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2017-04-18. Version 1.007. LICENSE: gpl  
 URL: <https://ctan.org/pkg/libris>  
 MIRROR: <https://mirror.ctan.org/fonts/libris>
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 URL: <https://ctan.org/pkg/venturisadf>  
 MIRROR: <https://mirror.ctan.org/fonts/venturisadf>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmcyralt>
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 URL: <https://ctan.org/pkg/adfathesis>  
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 URL: <https://ctan.org/pkg/messagebubbles>  
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- Harris, Erica, Geoffrey Tobin, Robin Fairbairns, and David Carlisle. *The setspace package. Set space between lines.* 2022-12-05. Version 6.7b. LICENSE: lpl1.3. Provides support for setting the spacing between lines in a document. Package options include singlespacing, onehalfspacing, and doublespacing. Alternatively the spacing can be changed as required with the `, ,` and `commands`. Other size spacings also available.  
 URL: <https://ctan.org/pkg/setspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspace>
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 URL: <https://ctan.org/pkg/bibbuild>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/BibBuild>
- Harry A. Watson, Jr. *The maad package. Mathematical Approximations and Documentation.* 2016-06-24. LICENSE: pd. A document describing the parameterisation of least-squares curve fitting, and showing how (using `)` to display error bars.  
 URL: <https://ctan.org/pkg/maad>  
 MIRROR: <https://mirror.ctan.org/info/maad>
- Hars, Florian. *The nestquot package. Alternate quotes between double and single with nesting.* 2016-06-24. LICENSE: other-free. Provides two new commands: `and` for nesting left and right quotes that properly change between double and single quotes according to their nesting level. For example, the input will be typeset as if it had been entered as “Foo ‘bar’ blech”.  
 URL: <https://ctan.org/pkg/nestquot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nestquot>
- Hart, William. *The harnon-cv package. A CV document class with a vertical timeline for experience.* 2016-06-24. Version 1.0. LICENSE: pd  
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 URL: <https://ctan.org/pkg/arev>  
 MIRROR: <https://mirror.ctan.org/fonts/arev>
- *The free-math-font-survey package. A survey of available free Mathematics fonts.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/free-math-font-survey>  
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 MIRROR: <https://mirror.ctan.org/support/optexcount>
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 URL: <https://ctan.org/pkg/flashmovie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/flashmovie>
- Hasan, Adib. *The latexbangla package. Enhanced L<sup>A</sup>T<sub>E</sub>X integration for Bangla.* 2020-06-07. Version 0.2. LICENSE: lpl1.3  
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- Hassel, Frank. *The bdfchess package. Typeset correspondence chess games.* 2016-06-24. Version 1.2. LICENSE: nosell. A L<sup>A</sup>T<sub>E</sub>X (2.09) package for managing rules and considertimes of chess games, according to the rules of the International Correspondence Chess Federation. In addition the package will typeset games in progress, and the correspondence postcards, using the fonts, etc., of the package.  
 URL: <https://ctan.org/pkg/bdfchess>  
 MIRROR: <https://mirror.ctan.org/fonts/chess/bdfchess>
- Hassenpflug, Gernot. *The hwkatakana package. Half-width katakana fonts.* 2016-06-24. Version 1.0. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-nynorsk>
- Havlik, Denis. *The abstbook package. Books of abstracts*. 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X class file for making ‘books of abstracts’, commonly used for conferences. It is based on report class, however has been redefined and shouldn’t be used.  
 URL: <https://ctan.org/pkg/abstbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/abstbook.cls>
- Heafner, Paul J. *The mandi package. Macros for introductory physics and astronomy*. 2023-08-02. Version 3.2.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/mandi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mandi>
- Hecking, Lars, Thomas Williams, and Colin Kelley. *The gnuplot package. General purpose plotting program*. 2019-02-09. Version 5.2.6. LICENSE: other-free  
 URL: <https://ctan.org/pkg/gnuplot>  
 MIRROR: <https://mirror.ctan.org/graphics/gnuplot/5.2.6>
- Hedne, PL. *The brief-t package. L<sup>A</sup>T<sub>E</sub>X support for the brief editor*. 2019-02-03. LICENSE: noinfo. The package comprises a set of macros to create key assignments for common (La)TeX functions.  
 URL: <https://ctan.org/pkg/brief-t>  
 MIRROR: <https://mirror.ctan.org/support/brief-t>
- Heerden, Derick van. *The obas package. Web based interface to a bibliographical database*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/obas>
- Hefferon, Jim. *The concrete-macros package. Consistent text and maths using concrete fonts*. 2016-06-24. LICENSE: noinfo. Aspiring users of Knuth’s concrete fonts are often recommended to use the and packages for consistent text and mathematics setting. This package loads both.  
 URL: <https://ctan.org/pkg/concrete-macros>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/concrete.sty>
- *The escapeTeXt package. Make plain text safe for use in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/escapetext>  
 MIRROR: <https://mirror.ctan.org/support/escapeTeXt>
  - *The first-packages package. A short list of go-to L<sup>A</sup>T<sub>E</sub>X packages, aimed at a beginner*. 2021-01-02. LICENSE: cc0  
 URL: <https://ctan.org/pkg/first-packages>
  - *The Shaded theorems package. Theorem environments that are shaded*. 2020-01-08. LICENSE: lppl  
 URL: <https://ctan.org/pkg/shadethm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadethm>
  - *The style-showcase package. Make a web page to compare styles*. 2016-06-24. Version 1.0.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/style-showcase>  
 MIRROR: [https://mirror.ctan.org/support/style\\_showcase](https://mirror.ctan.org/support/style_showcase)
  - *The undergradmath package. L<sup>A</sup>T<sub>E</sub>X Math for Undergraduates cheat sheet*. 2021-01-03. LICENSE: cc-by-sa-4  
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 MIRROR: <https://mirror.ctan.org/info/first-latex-doc>
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 URL: <https://ctan.org/pkg/bracketkey>  
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 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/lookbibtex>
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 URL: <https://ctan.org/pkg/chkfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chkfloat>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnalign>
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 URL: <https://ctan.org/pkg/tex-ewd>  
 MIRROR: <https://mirror.ctan.org/macros/generic/tex-ewd>
- *The TeX-FPC package. A collection of change files for a T<sub>E</sub>X system based on Free Pascal.* 2021-04-08. Version 4th ed. LICENSE: bsd2. This is the followup to , which is based on the GNU Pascal Compiler. GPC is not installable any more, so I switched to FPC, not because it is the best but because it is the only pascal compiler nowadays.  
 URL: <https://ctan.org/pkg/tex-fpc>  
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 MIRROR: <https://mirror.ctan.org/info/lshort/finnish>
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 MIRROR: <https://mirror.ctan.org/obsolete/language/malayalam>
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 MIRROR: <https://mirror.ctan.org/language/oriya>
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 URL: <https://ctan.org/pkg/relenc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/relenc>
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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>
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 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontinst>
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 URL: <https://ctan.org/pkg/concepts>  
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 URL: <https://ctan.org/pkg/pkgloader>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pkgloader>
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 URL: <https://ctan.org/pkg/underoverlap>  
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URL: <https://ctan.org/pkg/cmoutlines>  
MIRROR: <https://mirror.ctan.org/fonts/cm/cmoutlines>
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URL: <https://ctan.org/pkg/dingbat>  
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MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/mpstoeps>
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URL: <https://ctan.org/pkg/pointruler>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pointRuler>
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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: lpl1.3  
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: lpl1.3  
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URL: <https://ctan.org/pkg/annee-scolaire>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/annee-scolaire>
- *The clefval package. Key/value support with a hash.* 2020-07-29. Version 0.1. LICENSE: lpl1.3c. 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: lpl  
URL: <https://ctan.org/pkg/engpron>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engpron>
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URL: <https://ctan.org/pkg/engrec>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/engrec>
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URL: <https://ctan.org/pkg/expose-expl3-dunkerque-2019>  
MIRROR: <https://mirror.ctan.org/info/expose-expl3-dunkerque-2019>

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- URL: <https://ctan.org/pkg/modroman>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modroman>
- *The nonumonpart package. Prevent page numbers on part pages*. 2016-06-24. Version 1. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/nonumonpart>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nonumonpart>
  - *The paresse package. Define simple macros for greek letters*. 2021-05-16. Version 5.0.2. LICENSE: lppl1.3c. The package defines macros using to type greek letters so that the user may (for example) type to get the effect of . However, it takes care only of letters which have a macro name like or .  
URL: <https://ctan.org/pkg/paresse>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/paresse>
  - *The simples-matrices package. Define matrices by given list of values*. 2022-07-03. Version 1.0.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/simples-matrices>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simples-matrices>
  - *The tdsfrmath package. Macros for French teachers of mathematics*. 2016-06-24. Version 1.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/tdsfrmath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tdsfrmath>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/yagusylo>
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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  
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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>
  - *The mpcolornames package. Extend list of predefined colour names for MetaPost*. 2018-01-06. Version 0.20. LICENSE: lppl. The format provides only five built-in colour names (variables), all of which are defined in the RGB model: red, green and blue for the primary colours and black and white. The package makes more than 500 colour names from different colour sets in different colour models available to MetaPost. Colour sets include X11, SVG, DVIPS and specifications.  
URL: <https://ctan.org/pkg/mpcolornames>  
MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mpcolornames>



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 URL: <https://ctan.org/pkg/semioneside>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semioneside>
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 URL: <https://ctan.org/pkg/spelling>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/spelling>
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 URL: <https://ctan.org/pkg/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.* 2023-09-19. Version 1.4. 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>
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- 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>
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 MIRROR: <https://mirror.ctan.org/language/greek/ibycus-babel>
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- URL: <https://ctan.org/pkg/t1utils>  
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- URL: <https://ctan.org/pkg/la>  
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- URL: <https://ctan.org/pkg/morse>  
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- 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>
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- URL: <https://ctan.org/pkg/marginfix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/marginfix>
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- Hilléreau, Mael. *The alphabib package. Add alphabetical headers into citations.* 2016-06-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/alphabib>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/alphabib>
- *The shlatex package. L<sup>A</sup>T<sub>E</sub>X compilation script for Linux (written in Bash).* 2016-06-24. Version 1.2b. LICENSE: gpl  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cheatsheet>
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  - *The Makor 2 package. Typeset pointed Hebrew using Omega*. 2021-08-26. LICENSE: lppl  
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MIRROR: <https://mirror.ctan.org/language/hebrew/makor>
  - *The mathinst package. Merge font families to create mathematical font sets*. 2016-06-24. LICENSE: gpl. A set of Perl and scripts to integrate mathematical fonts for use by (La)TeX using a family of Roman types and a set of raw math fonts (such as Euler, or the commercial MathTime or Lucida New Math fonts). All fonts are properly scaled for compatibility with the Roman fonts.  
URL: <https://ctan.org/pkg/mathinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/mathinst>
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MIRROR: <https://mirror.ctan.org/fonts/utilities/mathkit>
  - *The poetica package. Support for Adobe Poetica fonts in Type 1 format*. 2021-08-26. LICENSE: noinfo  
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  - *The vfinst package. Virtual font installation support*. 2016-06-24. Version 0.8. LICENSE: gpl. A set of scripts and Perl files which aim to make the installation of families of PostScript fonts and creation of necessary virtual fonts and outline fonts ‘virtually’ automatic. The scripts use .  
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 URL: <https://ctan.org/pkg/sourcecodepro>  
 MIRROR: <https://mirror.ctan.org/fonts/sourcecodepro>
  - *The SourceSansPro package. Use SourceSansPro with T<sub>E</sub>X(-alike) systems.* 2020-04-26. Version 2.8. LICENSE: ofl,lppl1.3  
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  - *The luavlna package. Prevent line breaks after single letter words, units, or academic titles.* 2023-06-21. Version 0.1l. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/odsfile>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/odsfile>
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URL: <https://ctan.org/pkg/sectionbreak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sectionbreak>
  - *The tex4ebook package. Converter from L<sup>A</sup>T<sub>E</sub>X to ebook formats*. 2023-03-17. Version 0.3j. LICENSE: lppl1.3. This is a bundle of Lua scripts and L<sup>A</sup>T<sub>E</sub>X packages for conversion of L<sup>A</sup>T<sub>E</sub>X files to ebook formats such as epub, mobi and epub3. is used as the conversion engine.  
URL: <https://ctan.org/pkg/tex4ebook>  
MIRROR: <https://mirror.ctan.org/support/tex4ebook>
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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>\**. 2023-10-10. LICENSE: lppl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/breqn>
- Høgholm, Morten, Lars Madsen, The L<sup>A</sup>T<sub>E</sub>X Project Team, Will Robertson, and Joseph Wright. *The empheq package. EMPHAsizing EQuations*. 2020-03-24. Version 2.16. LICENSE: lppl1.3. This package is part of the bundle. it provides a visual markup extension to . The user-friendly interface allows the user to put a set of equations inside a box thus enhancing the feature of amsmath. As a side effect it is also possible to add material on both sides of the equations thus providing (and surpassing) the functionality of the package. Users of will probably want to have a look at it as well, since the problem with end-of-theorem marks in and other environments can be circumvented using .  
URL: <https://ctan.org/pkg/empheq>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
- *The mathtools package. Mathematical tools to use with amsmath*. 2022-06-30. Version 1.29. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mathtools>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathtools>
- Hohti, Aarno and Okko Kanerva. *The apl package. Fonts for typesetting APL programs*. 2021-08-26. LICENSE: noinfo  
URL: <https://ctan.org/pkg/apl>  
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- Holbrook, Joshua. *The uathesis package. Document class for theses at University of Alaska Fairbanks*. 2020-12-30. Version 12.12. LICENSE: lppl



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 URL: <https://ctan.org/pkg/trsym>  
 MIRROR: <https://mirror.ctan.org/fonts/trsym>
- Holkar, Rohit Dilip. *The latex-mr package. A practical guide to L<sup>A</sup>T<sub>E</sub>X and Polyglossia for Marathi and other Indian languages*. 2020-06-07. Version 1.0. LICENSE: lppl1.3. The package provides a short guide to L<sup>A</sup>T<sub>E</sub>X and specifically to the package. This document aims to introduce L<sup>A</sup>T<sub>E</sub>X and polyglossia for Indian languages. Though the document often discusses the language Marathi, the discussion applies to other India languages also, with some minute changes which are described in Section 1.2. We assume that the user of this document knows basic (La)TeX or has, at least, tried her hand on it. This document is not very suitable for first time users.  
 URL: <https://ctan.org/pkg/latex-mr>  
 MIRROR: <https://mirror.ctan.org/info/latex-mr>
- Holmes, Rich. *The anti package. Typeset an anti-particle in maths mode*. 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/anti>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/anti.tex>
- Holt, Alexander and Jean-François Lamy. *The a4wide package. "Wide" a4 layout*. 2016-06-24. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/a4wide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/a4wide>
- Holzmann, Frédéric. *The symbolindex package. Generate a list of symbols with different subgroups*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/symbolindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/symbolindex>
- Höns, Robin. *The nlatexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and .Net (or Mono)*. 2016-06-24. Version 0.03. LICENSE: gpl  
 URL: <https://ctan.org/pkg/nlatexdb>  
 MIRROR: <https://mirror.ctan.org/support/nlatexdb>
- *The ratexdb package. Database reports using L<sup>A</sup>T<sub>E</sub>X and Ruby*. 2016-06-24. Version 0.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ratexdb>  
 MIRROR: <https://mirror.ctan.org/support/ratexdb>
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 URL: <https://ctan.org/pkg/psnfssx-em>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/psnfssx/em>
- Horn, Berthold K. P. and Khaled Hosny. *The bbold-type1 package. An Adobe Type 1 format version of the bbold font*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bbold-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/bbold-type1>
- Horne, Roger. *The lex tex package. Typesetting legal documents using plain T<sub>E</sub>X*. 2016-06-24. Version 1.005. LICENSE: noinfo. LeXTeX is a collection of macros intended to enable English lawyers, and in particular Barristers, to format their work using Plain T<sub>E</sub>X. The bundle incorporates the ruled table macros from .  
 URL: <https://ctan.org/pkg/lex tex>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/lex tex>
- Horvath, Kent. *The lewis package. Draw Lewis structures*. 2016-06-24. Version 0.1. LICENSE: pd  
 URL: <https://ctan.org/pkg/lewis>  
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 URL: <https://ctan.org/pkg/apeqnum>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/apeqnum.sty>
- *The cmpica package. A Computer Modern Pica variant*. 2016-06-24. LICENSE: pd  
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 URL: <https://ctan.org/pkg/epigram>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/epigram.tex>
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 URL: <https://ctan.org/pkg/landscape>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/landscape.sty>
  - *The mflologo209 package. Typeset the Metafont logo under L<sup>A</sup>T<sub>E</sub>X 2.09*. 2016-06-24. LICENSE: noinfo. This package uses the L<sup>A</sup>T<sub>E</sub>X 2.09 font selection system; current L<sup>A</sup>T<sub>E</sub>X users need the package.  
 URL: <https://ctan.org/pkg/mflogo209>  
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  - *The resumemac package. Plain T<sub>E</sub>X macros for resums*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/resumemac>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/resumemac>
  - *The TeX-mag package. An on-line T<sub>E</sub>X magazine*. 2016-06-24. LICENSE: digest  
 URL: <https://ctan.org/pkg/tex-mag>  
 MIRROR: <https://mirror.ctan.org/info/digests/tex-mag>
  - *The varisize package. Change font size in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: pd. A series of files, each of which defines a size-change macro. Note that is by convention called by one of the other files, so that there's always a "way back".  
 URL: <https://ctan.org/pkg/varisize>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/varisize>
- Hosek, Don, Leo Broska, and Don Hosek. *The breakcites package. Ensure that multiple citations may break at line end*. 2016-06-24. LICENSE: other-free. Makes a very minor change to the operation of the command. Note that the change is necessary in unmodified L<sup>A</sup>T<sub>E</sub>X; however, there remain packages that restore the undesirable behaviour of the command as provided in L<sup>A</sup>T<sub>E</sub>X 2.09. (Note that neither nor make this mistake.)  
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 URL: <https://ctan.org/pkg/xits>  
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 URL: <https://ctan.org/pkg/punknova>  
 MIRROR: <https://mirror.ctan.org/fonts/punknova>
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 URL: <https://ctan.org/pkg/libertinus-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-fonts>
- Hosoda, Masamichi. *The extractpdfmark package. Extract page mode and named destinations as PDFmark from PDF*. 2022-10-02. Version 1.1.1. LICENSE: gpl3+  
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 MIRROR: <https://mirror.ctan.org/support/extractpdfmark>
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 MIRROR: <https://mirror.ctan.org/fonts/haranoaji>
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 URL: <https://ctan.org/pkg/haranoaji-extra>  
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 URL: <https://ctan.org/pkg/bangla>  
 MIRROR: <https://mirror.ctan.org/language/bengali/bangla>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/polynomial>
- Hotta, Kohsaku. *The mathabx-type1 package. Outline version of the mathabx fonts*. 2016-06-24. LICENSE: lppl. This is an Adobe Type 1 outline version of the fonts.  
 URL: <https://ctan.org/pkg/mathabx-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/mathabx>
- Housley, Brian. *The hletter package. Flexible letter typesetting with flexible page headings*. 2016-06-24. Version 4.2. LICENSE: lppl1.2. The package permits the user to specify easily, with the aid of self defined key-words, letters (with a logo and private) and headings. The heading may include a footer and the letter provides commands to include a scanned signature and two signees. The package works with the package.  
 URL: <https://ctan.org/pkg/hletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hletter>
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- Howell, Dave. *The musical package. Typeset (musical) theatre scripts*. 2020-04-16. Version 3.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/musical>  
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 URL: <https://ctan.org/pkg/resumecls>  
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 URL: <https://ctan.org/pkg/beamertheme-epyt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-epyt>
- *The coloring package. Define missing colors by their names*. 2017-04-18. Version 0.2. LICENSE: lppl1.3. This package makes it possible to define colors automatically by their names. This can be useful in drawing TikZ pictures and designing beamer themes. Using the package, you don't need to write before using a color.  
 URL: <https://ctan.org/pkg/coloring>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloring>
  - *The interchar package. Managing character class schemes in XeTeX*. 2017-04-18. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/interchar>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/interchar>
- Huang, Alpha. *The latex-notes-zh-cn package. Chinese Introduction to T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2021-12-29. Version 1.20. LICENSE: lppl1.3  
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 URL: <https://ctan.org/pkg/block>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/block>
- Huang, Jing. *The Evangelion-JFM package. A Japanese font metric supporting many advanced features*. 2023-08-25. Version 1.0.5 (b). LICENSE: mit. This package provides a Japanese Font Metric supporting vertical and horizontal typesetting, 'linegap punctuations', 'extended fonts', and more interesting and helpful features using traditional (") and simplified (") Chinese or Japanese fonts under LuaTeX-ja. It also makes full use of the 'priority' feature, meeting the standards, and allows easy customisation.  
 URL: <https://ctan.org/pkg/evangelion-jfm>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/evangelion-jfm>

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 URL: <https://ctan.org/pkg/sduthesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sduthesis>
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 URL: <https://ctan.org/pkg/beamertheme-simplesdarkblue>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simplesdarkblue>
- *The beamertheme-SimplePlus package. A simple and clean theme for L<sup>A</sup>T<sub>E</sub>X beamer*. 2022-11-02. Version 1.0. LICENSE: pd  
 URL: <https://ctan.org/pkg/beamertheme-simpleplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-simpleplus>
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 URL: <https://ctan.org/pkg/parnotes>  
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- Hughes, Chris. *The latexindent package. Indent a L<sup>A</sup>T<sub>E</sub>X document, highlighting the programming structure*. 2023-10-13. Version 3.23.3. LICENSE: gpl3  
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 MIRROR: <https://mirror.ctan.org/support/latexindent>
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- Hunt, Neil. *The pstex package. Processor for including figures in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.8. LICENSE: nosell. The bundle provides a package whose macros write details of required figures to the file; a separate processor then calculates precise details of the graphic inclusion.  
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 URL: <https://ctan.org/pkg/cntperchap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntperchap>
  - *The crossreftools package. Expandable extraction of cleveref data*. 2020-07-19. Version 1.0. LICENSE: lpl1.3. This package extracts information from cross-referencing labels, especially those from , in an expandable manner.  
 URL: <https://ctan.org/pkg/crossreftools>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/crossreftools>
  - *The jumplines package. Articles with teasers and continuation later on*. 2016-06-24. Version 0.2. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/jumplines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jumplines>
  - *The xassoccnt package. Associated counters stepping simultaneously*. 2021-11-21. Version 2.0. LICENSE: lpl1.3  
 URL: <https://ctan.org/pkg/xassoccnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xassoccnt>
  - *The xcntperchap package. Track the number of subsections etc. that occur in a specified tracklevel*. 2020-01-16. Version 0.5. LICENSE: lpl1.3. This package is the successor of and allows to provide more tracklevels than just only one.  
 URL: <https://ctan.org/pkg/xcntperchap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcntperchap>
- Hurt, James. *The javaDVI package. DVI viewer and printer coded in Java*. 2016-06-24. LICENSE: lpl1. javaDVI is a DVI viewer and printer coded in Java, and running under the Java RTE 1.3 using the . The fonts are included as a file, a format suitable for use

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 URL: <https://ctan.org/pkg/javadvi>  
 MIRROR: <https://mirror.ctan.org/dviware/javadvi>
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 URL: <https://ctan.org/pkg/figflow>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/figflow>
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 URL: <https://ctan.org/pkg/tth>  
 MIRROR: <https://mirror.ctan.org/support/tth/dist>
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 URL: <https://ctan.org/pkg/amslatexdoc-vietnamese>  
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 URL: <https://ctan.org/pkg/ctantools>  
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  - *The extarrows package*. Extra Arrows beyond those provided in amsmath. 2020-03-19. Version 1.2.0. LICENSE: lgpl. Arrows are provided to supplement and of the amsath package: , , , , , and .  
 URL: <https://ctan.org/pkg/extarrows>  
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  - *The ktv-texdata package*. Extract subsets of documents. 2020-03-19. Version 05.34. LICENSE: gpl  
 URL: <https://ctan.org/pkg/ktv-texdata>  
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  - *The nththeorem-vn package*. Vietnamese translation of documentation of nththeorem. 2020-03-19. Version 1.203. LICENSE: lppl. This is a translation of the documentation provided with .  
 URL: <https://ctan.org/pkg/nththeorem-vn>  
 MIRROR: <https://mirror.ctan.org/info/translations/nththeorem/vn>
  - *The pydocstrip package*. Scripted version of  $\LaTeX$  docstrip. 2020-03-19. LICENSE: gpl. Pydocstrip is a Python script that provides several facilities not available via the  $\LaTeX$  standard .  
 URL: <https://ctan.org/pkg/pydocstrip>  
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- Ibarra, Edorta. *The basque-book package*. Class for book-type documents written in Basque. 2016-06-24. Version 1.20. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/basque-book>  
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 URL: <https://ctan.org/pkg/basque-date>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/basque-date>
  - *The ekaia package*. Article format for publishing the Basque Country Science and Technology Journal "Ekaia". 2019-01-06. Version 1.06. LICENSE: lppl1.2  
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 MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/gray>
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 URL: <https://ctan.org/pkg/knuth-errata>  
 MIRROR: <https://mirror.ctan.org/systems/knuth/dist/errata>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ed>



- Kohlhase, Michael. *The errata package. Error markup for L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.3. LICENSE: lpp1  
 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: lpp1  
 URL: <https://ctan.org/pkg/euproposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
  - *The proposal package. A set of L<sup>A</sup>T<sub>E</sub>X classes for preparing proposals for collaborative projects*. 2017-04-18. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/proposal>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proposal>
- Kohlhase, Michael and Dennis Müller. *The sTeX package. An infrastructure for semantic preloading of L<sup>A</sup>T<sub>E</sub>X documents*. 2023-10-16. Version 3.4.0. LICENSE: lpp1  
 URL: <https://ctan.org/pkg/stex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stex>
- Kohm, Markus. *The defoldfonts package. Define old font commands*. 2023-08-20. Version 1.0. LICENSE: lpp1.3c. In 1994, with L<sup>A</sup>T<sub>E</sub>X2e, the old font commands , , , , , and became obsolete. This package defines them, and also the deprecated KOMA-Script command .  
 URL: <https://ctan.org/pkg/defoldfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/defoldfonts>
- *The floatbyctobasic package. An enhancement to package float using package tocbasic*. 2023-08-20. Version 1.0. LICENSE: lpp1.3c. This package adds usage of package to package . This not only improves compatibility with but also adds several new features to like optional automatic entries to the table of contents for the lists of new floats, optional numbering of the lists of new floats etc.  
 URL: <https://ctan.org/pkg/floatbyctobasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatbyctobasic>
  - *The floatrowbyctobasic package. An enhancement to package floatrow using package tocbasic*. 2023-08-20. Version 1.0. LICENSE: lpp1.3c. This package adds usage of package to package . This not only improves compatibility with but also adds several new features to like optional automatic entries to the table of contents for the lists of new floats, optional numbering of the lists of new floats etc.  
 URL: <https://ctan.org/pkg/floatrowbyctobasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/floatrowbyctobasic>
  - *The gridset package. Grid, a.k.a. in-register, setting*. 2020-02-12. Version 0.3. LICENSE: lpp1.3c. Grid setting — also known as strict in-register setting — is something, that should be done for a lot of documents but is not easy using L<sup>A</sup>T<sub>E</sub>X. The package helps to get the information needed for grid setting. It does not implement auto grid setting, but there is a command , that moves to the next grid position. This may be enough under some circumstances, but in other circumstances it may fail. Thus gridset is only one more step for grid setting, not a complete solution.  
 URL: <https://ctan.org/pkg/gridset>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridset>
  - *The GS1 package. Typeset EAN barcodes using T<sub>E</sub>X rules, only*. 2021-06-18. Version 23. LICENSE: lpp1.3c. 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: lpp1.3c  
 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: lpp1.3c  
 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: lpp1  
 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: lpp1  
 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: lpp1  
 URL: <https://ctan.org/pkg/koma-script-examples-5>  
 MIRROR: <https://mirror.ctan.org/info/examples/KOMA-Script-5>

- Kohm, Markus. *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*. 2023-09-07. 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 scrlltr2’s address files*. 2022-07-04. Version 1.1d. LICENSE: lppl1.3c. The package is a part of the suite. The package uses adr-files to generate circular letters. The package provides commands to read the adr-files and to use the data of the address entries, not only with class and not only for circular letters.  
 URL: <https://ctan.org/pkg/scraddr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrartcl package. Koma-Script ‘article’ class*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrartcl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrbase package. Provide basic features for KOMA-Script*. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrbase>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrbook package. Koma-Script ‘book’ class*. 2023-07-07. Version 3.41. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scrbook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrdate package. Calendar date operations*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrextend package. Use of components of KOMA-Script by other packages*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrextend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrjura package. Koma-Script support for lawyers, etc*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrjura>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrlayer 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/scrlayer>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>

- Kohm, Markus. *The scrlayer-fancyhdr package. Combining package fancyhdr with KOMA-Script's scrlayer*. 2022-07-08. Version 0.2.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrlayer-fancyhdr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrlayer-fancyhdr>
- *The scrlayer-notecolumn package. Control note columns parallel to the main text*. 2022-07-04. Version 0.3.3915. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrlayer-notecolumn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrlayer-scrpage package. Define and manage page styles*. 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/scrlayer-scrpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrletter package. Letter extension to KOMA-Script classes*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrletter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrfile package. Installation control for koma-script packages*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scr1ttr2 package. KOMA-Script 'letter' class*. 2023-04-24. Version 3.40. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scr1ttr2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrpage2 package. Control of page headers and footers in L<sup>A</sup>T<sub>E</sub>X*. 2022-07-04. Version 3.30. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrpage2>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
  - *The scrreprt package. KOMA-Script 'report' class*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrreprt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrtime package. Show the time of a L<sup>A</sup>T<sub>E</sub>X run*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scrtime>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The scrwfile package. Use L<sup>A</sup>T<sub>E</sub>X .aux file in place of \newwrite files*. 2023-04-28. Version 0.1.99. LICENSE: lppl1.3c. The package provides a means of sending all L<sup>A</sup>T<sub>E</sub>X , table of contents, and other miscellaneous output via the L<sup>A</sup>T<sub>E</sub>X file. The mechanism subverts the mechanism of , and means there will never be a “No room for new ” message.  
 URL: <https://ctan.org/pkg/scrwfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrwfile>
  - *The setspaceenhanced package. An enhancement of the setspace package*. 2023-10-09. Version 1.02. LICENSE: lppl1.3c. This package adds support for all font sizes, even non-integer resp. non-pt sizes to package . This not only improves compatibility with KOMA-Script but also corrects the stretch value of the usual font sizes.  
 URL: <https://ctan.org/pkg/setspaceenhanced>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/setspaceenhanced>
  - *The splitindex package. Unlimited number of indexes*. 2020-03-09. Version 1.2c. LICENSE: lppl. SplitIndex consists of a L<sup>A</sup>T<sub>E</sub>X package, , and a small program, . The package may be used to produce one index or several indexes. Without splitindex (for example, using the package), the number of indexes is limited by the number of T<sub>E</sub>X's output streams. But using the program you may use even more than 16 indexes: splitidx outputs only a single file and the program splits that file into several raw index files and calls your favorite index processor for each of the files.  
 URL: <https://ctan.org/pkg/splitindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/splitindex>
  - *The tocbasic package. Management of tables/lists of contents (and the like)*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tocbasic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
  - *The tocstyle package. Define style of Table of contents (etc) files*. 2020-07-22. Version 0.2k-alpha. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tocstyle>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/koma-script-obsolete>
- Kohm, Markus. *The uni-titlepage package. Universal titlepages with configuration options and predefined styles*. 2022-09-06. Version 1.1a. LICENSE: lppl1.3c

- URL: <https://ctan.org/pkg/uni-titlepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uni-titlepage>
- Kohm, Markus and Frank Neukam. *The typearea package. Set page margins*. 2023-07-07. Version 3.41. LICENSE: lppl1.3c. Typearea is a part of the bundle, and is well integrated with the requirements of classes in the bundle, but it is also convenient for use as a package in its own right.  
 URL: <https://ctan.org/pkg/typearea>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-script>
- Kolachana, Aditya. *The shobhika package. An OpenType Devanāgarī font designed for scholars*. 2019-03-23. Version 1.05. LICENSE: ofl  
 URL: <https://ctan.org/pkg/shobhika>  
 MIRROR: <https://mirror.ctan.org/fonts/shobhika>
- Kolb, Hans-Peter, Craig Thiersch, and Alexis Dimitriadis. *The gb4e package. Linguistic tools*. 2016-06-24. LICENSE: lppl1.2  
 URL: <https://ctan.org/pkg/gb4e>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gb4e>
- Kole, Erik. *The econometrics package. Defines some commands that simplify mathematic notation in economic and econometric writing*. 2018-01-07. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/econometrics>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/econometrics>
- Kołodziejska, Hanna. *The go package. Fonts and macros for typesetting go games*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/go>  
 MIRROR: <https://mirror.ctan.org/fonts/go>
- Kołodziejska, Hanna, Bogusław Jackowski, and Marek Ryćko. *The plhyph package. Hyphenation for Polish*. 2021-03-21. Version 3.0b. LICENSE: knuth  
 URL: <https://ctan.org/pkg/plhyph>  
 MIRROR: <https://mirror.ctan.org/language/polish/plhyph.tex>
- Kolorenc, Jindrich. *The simplewick package. Simple Wick contractions*. 2016-06-24. Version 1.2a. LICENSE: gpl  
 URL: <https://ctan.org/pkg/simplewick>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/simplewick>
- Komarath, Balagopal. *The tex-label package. Place a classification on each page of a document*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tex-label>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tex-label>
- König, Thomas and Alexander Michel. *The numericplots package. Plot numeric data (including Matlab export) using PSTricks*. 2016-06-24. Version 2.0.2. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/numericplots>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/numericplots>
- Kopecky, Felix. *The langsci-affiliations package. Collect and order authors and affiliations*. 2021-03-26. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/langsci-affiliations>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/langsci/langsci-affiliations.sty>
- *The langsci-avm package. Feature structures and attribute-value matrices (AVM)*. 2023-02-21. Version 0.3.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/langsci-avm>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/langsci-avm>
- Kopp, Oliver. *The biblatex-lni package. LNI style for BibLaTeX*. 2023-11-09. Version 0.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-lni>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-lni>
- *The luabibentry package. Repeat BibTeX entries in a LuaL<sup>A</sup>T<sub>E</sub>X document body*. 2020-06-28. Version 0.1a. LICENSE: lppl1.3. The package reimplements , for use in LuaL<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/luabibentry>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luabibentry>
- *The plantuml package. Support for rendering UML diagrams using PlantUML*. 2023-05-13. Version 0.3.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/plantuml>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/plantuml>
- *The refenums package. Define named items and provide back-references with that name*. 2018-03-10. Version 1.1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refenums>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refenums>
- Kopp, Oliver. *The scientific-thesis-cover package. Provides cover page and affirmation at the end of a thesis*. 2018-06-03. Version 4.0.2. LICENSE: lppl1.3c



- URL: <https://ctan.org/pkg/scientific-thesis-cover>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scientific-thesis-cover>
- Kopp, Oliver and Matthias Mühlich. *The coverpage package. Automatic cover page creation for scientific papers*. 2022-05-31. Version 1.01. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/coverpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coverpage>
- Korikov, Konstantin. *The eskdx package. Modern Russian typesetting*. 2016-06-24. Version 0.98. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eskdx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eskdx>
- Korop, Sergey. *The sanskrit-t1 package. Type 1 version of 'skt' fonts for Sanskrit*. 2020-06-07. LICENSE: lppl. The sanskrit-t1 font package provides Type 1 version of Charles Wikner's for the Sanskrit language.  
URL: <https://ctan.org/pkg/sanskrit-t1>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/sanskrit>
- Kort, Eric and Howard Trickey. *The ama package. AMA manual of style citations*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/ama>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/ama.bst>
- Kosowsky, Conrad. *The innerscript package. Small modifications to math formatting*. 2023-11-06. Version 1.2. LICENSE: lppl1.3c. This package optionally modifies four aspects of  $\TeX$ 's automatic math formatting to improve typesetting: (1) it adds extra space around relation and operation symbols in superscripts and subscripts; (2) it removes extra space around - delimiter pairs; (3) it adds extra space after right delimiters in certain situations; and (4) it forces and delimiters to completely cover their contents. Using Lua $\TeX$  is required.  
URL: <https://ctan.org/pkg/innerScript>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/innerScript>
- *The mathfont package. Use TrueType and OpenType fonts in math mode*. 2023-09-11. Version 2.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mathfont>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathfont>
- Kostin, Alexei. *The JustFontItTE package. JustFontIt  $\TeX$  Edition*. 2016-06-24. Version 1.1. LICENSE: nosell  
URL: <https://ctan.org/pkg/justfontitTE>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/JustFontItTE>
- Kotelnikov, Igor A. *The babel-russian package. Russian language module for Babel*. 2021-01-10. Version 1.3m. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/babel-russian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/russian>
- Kotthoff, Lars. *The dottex package. Use dot code in  $\LaTeX$* . 2016-06-24. Version 0.6. LICENSE: gpl. The dottex package allows you to encapsulate 'dot' and 'neato' files in your document (dot and neato are both part of ; dot creates directed graphs, neato undirected graphs). If you have shell-escape enabled, the package will arrange for your files to be processed at  $\LaTeX$  time; otherwise, the conversion must be done manually as an intermediate process before a second  $\LaTeX$  run.  
URL: <https://ctan.org/pkg/dottex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dottex>
- *The gnuplottex package. Embed Gnuplot commands in  $\LaTeX$  documents*. 2020-04-06. Version 0.9.5. LICENSE: gpl2  
URL: <https://ctan.org/pkg/gnuplottex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gnuplottex>
- Kotucha, Reinhard. *The luaaddplot package. An extension to pgfplots' \addplot macro*. 2022-03-30. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/luaaddplot>  
MIRROR: <https://mirror.ctan.org/macros/luatex/generic/luaaddplot>
- *The vntex-nonfree package. URW Classico and URW Garamond extended for Vietnamese*. 2022-03-12. Version 3.2.2. LICENSE: nosell. This package contains URW Classico and URW Garamond No.8 fonts extended for Vietnamese. It can be installed with .  
URL: <https://ctan.org/pkg/vntex-nonfree>  
MIRROR: <https://mirror.ctan.org/fonts/vntex-nonfree>
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 URL: <https://ctan.org/pkg/bmpp>
  - *The dktools package. Tools and libraries by Dirk Krause.* 2020-10-11. LICENSE: bsd3  
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on the title page of a document that calls , indicating the information on the workshop where the paper was presented, along with additional information on the host conference, the license under which the document is published, and a link to the corresponding web page of the paper. The generated copyright notice contains a logo of the workshop, and a QR code that points to the paper’s web page (to lead to further material). For cases when the copyright notice is not automatically set in the title page’s footnote, the copyright notice can be set manually as well.

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URL: <https://ctan.org/pkg/vmargin>  
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URL: <https://ctan.org/pkg/apptools>  
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- *The bibleref-parse package. Specify Bible passages in human-readable format*. 2016-06-24. Version 1.1. LICENSE: lpp1.3. The package parses Bible passages that are given in human readable format. It accepts a wide variety of formats. This allows for a simpler and more convenient interface to the functionality of the package.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gitlog>
  - *The tagging package. Document configuration with tags*. 2021-12-20. Version 1.1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/tagging>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tagging>
- López, Javier Bezos. *The accents package. Multiple mathematical accents*. 2019-07-06. Version 1.4. LICENSE: mit  
 URL: <https://ctan.org/pkg/accents>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/accents>
- *The arabicfront package. Frontmatter with arabic page numbers*. 2019-07-06. Version 1.1. LICENSE: mit. This package modifies the definitions of and so that page numbering starts in arabic style from the front matter while preserving the rest of the original definitions. For it to work, has to be inside these macros—most of classes do that, but there are exceptions like .  
 URL: <https://ctan.org/pkg/arabicfront>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arabicfront>
  - *The babel-azerbaijani package. Support for Azerbaijani within babel*. 2017-06-05. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-azerbaijani>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/azerbaijani>
  - *The babeltools package. Tools for dealing with Babel annoyances*. 2019-06-27. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/babeltools>
- *The checkend package. Extend “improperly closed environment” messages*. 2019-09-28. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/checkend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/checkend>
  - *The colorspace package. Provides PDF color spaces*. 2019-03-25. Version 1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/colorspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorspace>
  - *The dotlessi package. Provides dotless i’s and j’s for use in any math font*. 2019-07-06. Version 1.1. LICENSE: mit. The package provides two commands: and , which give access to dotless i’s and j’s in math mode. They are intended for symbols in non English languages.  
 URL: <https://ctan.org/pkg/dotlessi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dotlessi>
  - *The enumitem package. Control layout of itemize, enumerate, description*. 2019-06-22. Version 3.9. LICENSE: mit. This package provides user control over the layout of the three basic list environments: enumerate, itemize and description. It supersedes both and (providing well-structured replacements for all their functionality), and in addition provides functions to compute the layout of labels, and to ‘clone’ the standard environments, to create new environments with counters of their own.  
 URL: <https://ctan.org/pkg/enumitem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enumitem>
  - *The epsfview package. Mac AppleScript tool for viewing figures generated with MetaPost*. 2016-06-18. LICENSE: pd  
 URL: <https://ctan.org/pkg/epsfview>  
 MIRROR: <https://mirror.ctan.org/systems/mac/epsfview.sea.hqx>

- López, Javier Bezos. *The esindex package. Typset index entries in Spanish documents*. 2019-10-11. Version 1.7. LICENSE: mit. This package helps you to create indexes in Spanish. With esindex you can write, say, \esindexcañón and the entry will be correctly alphabetized in the index. This release of esindex works with accented characters in any encoding, and without .  
 URL: <https://ctan.org/pkg/esindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esindex>
- *The fixpdfmag package. Fix magnification in pdfTeX*. 2016-06-24. LICENSE: pd. A recent change to pdfTeX has caused magnification to apply to page dimensions. This small package changes the values set in the page dimension variables from to , thus evading the effects of .  
 URL: <https://ctan.org/pkg/fixpdfmag>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/fixpdfmag.tex>
  - *The gindex package. Formatting indexes*. 2019-10-07. Version 0.2. LICENSE: mit  
 URL: <https://ctan.org/pkg/gindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gindex>
  - *The guarani package. Guarani support*. 2016-06-24. LICENSE: lppl. This is an (unfinished) package for support of Guarani, which is the main language spoken in Paraguay. The bundle provides support for writing in Guarani, together with an definition file for a windows Guarani code page.  
 URL: <https://ctan.org/pkg/guarani>  
 MIRROR: <https://mirror.ctan.org/language/guarani>
  - *The luahyphenrules package. Loading patterns in Lua<sup>L</sup>TeX with language.dat*. 2020-08-28. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luahyphenrules>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luahyphenrules>
  - *The mem package. A multilingual system for Lamed*. 2017-04-18. Version 0.0004. LICENSE: lppl. This package consists of experimental code for a multilingual system for Lamed (i.e., <sup>L</sup>TeX running over ). This distribution has pre-alpha status, and is offered for experimentation and to attract contributions.  
 URL: <https://ctan.org/pkg/mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/exptl/mem>
  - *The soulpos package. A fancy means of underlining*. 2021-10-15. Version 1.2. LICENSE: mit. The package combines the use of with the mechanism of current pdfTeX so that the user can create (almost) arbitrary underlining and similar “decorations”, including rules, leaders and even pictures (, , etc.). Unlike underlines, which are built by repeating small elements, here each chunk of text to be underlined is a single element.  
 URL: <https://ctan.org/pkg/soulpos>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/soulpos>
  - *The subdocs package. Multifile documents*. 2019-07-06. Version 0.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/subdocs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdocs>
  - *The tensind package. Typeset tensors*. 2019-07-06. Version 1.1. LICENSE: mit  
 URL: <https://ctan.org/pkg/tensind>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tensind>
  - *The texemplar package. A class for the journal of CervanTeX*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texemplar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/TeXemplar>
  - *The tipos package. Description of fonts for T<sub>E</sub>X, in Spanish*. 2023-06-10. LICENSE: nosource. The document describes (in Spanish) the large amount of types of files for fonts (‘tipo’ means ‘font’ in Spanish). has been by Thomas Ruedas.  
 URL: <https://ctan.org/pkg/tipos>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/spanish/tipos>
  - *The titleps package. Page style control*. 2023-10-17. Version 2.15. LICENSE: mit  
 URL: <https://ctan.org/pkg/titleps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titlesec package. Select alternative section titles*. 2023-10-27. Version 2.16. LICENSE: mit  
 URL: <https://ctan.org/pkg/titlesec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>
  - *The titletoc package. Alternative headings for toc/lof/lot*. 2023-10-17. Version 2.15. LICENSE: mit. A companion for handling toc/lof/lot entries.  
 URL: <https://ctan.org/pkg/titletoc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/titlesec>

- López, Javier Bezos and Johannes L. Braams. *The babel package. Multilingual support for L<sup>A</sup>T<sub>E</sub>X, LuaL<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X, and Plain T<sub>E</sub>X*. 2023-10-25. Version 3.96. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/babel/base>
- *The babel-albanian package. Support for Albanian within babel*. 2020-11-25. Version 1.0d. LICENSE: lppl1.3. The package provides support for typesetting Albanian (as part of the system).  
 URL: <https://ctan.org/pkg/babel-albanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/albanian>
  - *The babel-czech package. Babel support for Czech*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Czech in . Some shortcuts are defined, as well as translations to Czech of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-czech>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/czech>
  - *The babel-danish package. Babel contributed support for Danish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Danish conventions in a document (or a subset of the conventions, if Danish is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-danish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/danish>
  - *The babel-dutch package. Babel contributed support for Dutch*. 2021-08-29. Version 3.8l. LICENSE: lppl1.3. The package provides a language definition, file for use with , which establishes Dutch conventions in a document (or a subset of the conventions, if Dutch is not the main language of the document).  
 URL: <https://ctan.org/pkg/babel-dutch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/dutch>
  - *The babel-english package. Babel support for English*. 2017-06-07. Version 3.3r. LICENSE: lppl1.3. The package provides the language definition file for support of English in . Care is taken to select hyphenation patterns for British English and Australian text, and default (“”) patterns for Canadian and USA text.  
 URL: <https://ctan.org/pkg/babel-english>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/english>
  - *The babel-finnish package. Babel support for Finnish*. 2021-02-06. Version 1.3s. LICENSE: lppl1.3. The package provides a language description file that enables support of Finnish with .  
 URL: <https://ctan.org/pkg/babel-finnish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/finnish>
  - *The babel-interlingua package. Babel support for Interlingua*. 2018-01-13. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-interlingua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/interlingua>
  - *The babel-irish package. Babel support for Irish*. 2018-01-13. Version 1.0h. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-irish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/irish>
  - *The babel-kurmanji package. Babel support for Kurmanji*. 2018-04-25. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/babel-kurmanji>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/kurmanji>
  - *The babel-norsk package. Babel support for Norwegian*. 2022-11-17. Version 2.0i. LICENSE: lppl1.3. The package provides the language definition file for support of Norwegian in . Some shortcuts are defined, as well as translations to Norsk of standard “LaTeX names”.  
 URL: <https://ctan.org/pkg/babel-norsk>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/norsk>
  - *The babel-portuges package. Babel support for Portuges*. 2021-07-09. Version 1.2t. LICENSE: lppl1.3. The package provides the language definition file for support of Portuguese and Brazilian Portuguese in . Some shortcuts are defined, as well as translations to Portuguese of standard “L<sup>A</sup>T<sub>E</sub>X names”.  
 URL: <https://ctan.org/pkg/babel-portuges>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/portuges>
  - *The babel-scottish package. Babel support for Scottish Gaelic*. 2018-01-13. Version 1.0g. LICENSE: lppl1.3. The package provides the language definition file for support of Gaidhlig (Scottish Gaelic) in . Some shortcuts are defined, as well as translations of standard “L<sup>A</sup>T<sub>E</sub>X names”.  
 URL: <https://ctan.org/pkg/babel-scottish>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/scottish>

- López, Javier Bezos and Johannes L. Braams. *The babel-slovenian package. Babel support for typesetting Slovenian*. 2021-02-06. Version 1.2n. LICENSE: lppl1.3. The package provides the language definition file for support of Slovenian in . Several shortcuts are defined, as well as translations to Slovenian of standard “ $\LaTeX$  names”.  
URL: <https://ctan.org/pkg/babel-slovenian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovenian>
- López, Javier Bezos, Johannes L. Braams, Claudio Beccari, and Maurizio Codogno. *The babel-italian package. Babel support for Italian text*. 2022-04-03. Version 1.4.07. LICENSE: lppl1.3c. The package provides language definitions for use in .  
URL: <https://ctan.org/pkg/babel-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/italian>
- López, Javier Bezos, Johannes L. Braams, Jana Chlebíková, and Petr Tesařík. *The babel-slovak package. Babel support for typesetting Slovak*. 2018-01-13. Version 3.1a. LICENSE: lppl1.3. The package provides the language definition file for support of Slovak in , including Slovak variants of  $\LaTeX$  built-in-names. Shortcuts are also defined.  
URL: <https://ctan.org/pkg/babel-slovak>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/slovak>
- López, Javier Bezos, Johannes L. Braams, and Sten Hellman. *The babel-swedish package. Babel support for typesetting Swedish*. 2021-02-06. Version 2.3e. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-swedish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/swedish>
- López, Javier Bezos, Johannes L. Braams, Umstatter Horst, and Robert Juhasz. *The babel-romanian package. Babel support for Romanian*. 2021-04-05. Version 1.2m. LICENSE: lppl1.3. The package provides the language definition file for support of Romanian in . Translations to Romanian of standard “ $\LaTeX$  names” are provided.  
URL: <https://ctan.org/pkg/babel-romanian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/romanian>
- López, Javier Bezos, Johannes L. Braams, and Regnor Jernsletten. *The babel-samin package. Babel support for Samin*. 2018-01-13. Version 1.0c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-samin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/samin>
- López, Javier Bezos, Johannes L. Braams, Boris Lavva, Arthur Rosendahl, and Udi Fogiel. *The babel-hebrew package. Babel support for Hebrew*. 2023-08-22. Version 2.4a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/babel-hebrew>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/hebrew>
- López, Javier Bezos, Johannes L. Braams, and Luis Martí. *The babel-esperanto package. Babel support for Esperanto*. 2018-01-13. Version 1.4t. LICENSE: lppl1.3. The package provides the language definition file for support of Esperanto in . Some shortcuts are defined, as well as translations to Esperanto of standard “ $\LaTeX$  names”.  
URL: <https://ctan.org/pkg/babel-esperanto>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/esperanto>
- López, Javier Bezos, Johannes L. Braams, Elmar Schalück, Michael Janich, and Marcin Woliński. *The babel-polish package. Babel support for Polish*. 2022-03-12. Version 1.3. LICENSE: lppl1.3. The package provides the language definition file for support of Polish in . Some shortcuts are defined, as well as translations to Polish of standard “ $\LaTeX$  names”.  
URL: <https://ctan.org/pkg/babel-polish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/polish>
- López, Javier Bezos, Johannes L. Braams, and Uroš Stefanović. *The babel-serbian package. Babel/Polyglossia support for Serbian*. 2022-09-30. Version 2.2a. LICENSE: lppl1.3. The package provides support for Serbian documents written in Latin, in .  
URL: <https://ctan.org/pkg/babel-serbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/serbian>
- López, Javier Bezos, Johannes L. Braams, and Eduard Werner. *The babel-sorbian package. Babel support for Upper and Lower Sorbian*. 2021-11-06. Version 1.0j. LICENSE: lppl1.3. The package provides language definitions file for support of both Upper and Lower Sorbian, in . Some shortcuts are defined, as well as translations to the relevant language of standard “ $\LaTeX$  names”.  
URL: <https://ctan.org/pkg/babel-sorbian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/sorbian>
- López, Javier Bezos and Francesc Carmona. *The hyphen-spanish package. Standard hyphenation rules for Spanish*. 2020-04-20. Version 5.0. LICENSE: mit. This directory is a permanent place for the latest official release of the hyphenation patterns for the Spanish language, valid for , , and , with the tools used to generate them.  
URL: <https://ctan.org/pkg/hyphen-spanish>  
MIRROR: <https://mirror.ctan.org/language/spanish/hyphen-spanish>



- López, Javier Bezos and Thomas Ruedas. *The fontefnf 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/fontefnf>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/german/fontefnf.pdf>
- López, Javier Bezos and Julio Sanchez. *The babel-spanish package. Babel support for Spanish*. 2021-05-27. Version 5.0q. LICENSE: lpl1.3  
 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 BibT<sub>E</sub>X*. 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 OzT<sub>E</sub>X*. 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: lpl  
 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 BibT<sub>E</sub>X 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*. 2023-10-31. Version 0.302. LICENSE: lpl1.3  
 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>
  - *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 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>



- Loreti, Maurizio. *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 TeX run*. 2016-06-24. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/lintex>  
 MIRROR: <https://mirror.ctan.org/support/lintex>
- Lotz, Manfred. *The pkgcheck package. CTAN package checker*. 2023-05-17. Version 3.1.0. LICENSE: apache2,mit  
 URL: <https://ctan.org/pkg/pkgcheck>  
 MIRROR: <https://mirror.ctan.org/support/pkgcheck>
- Lotze, Thomas. *The genmpage package. Generalization of 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  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beautybook>
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 URL: <https://ctan.org/pkg/rutitlepage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rutitlepage>
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 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>
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 MIRROR: <https://mirror.ctan.org/support/adhocfilelist>
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 URL: <https://ctan.org/pkg/bitelist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/bitelist>
- *The catcodes package. Generic handling of TeX category codes*. 2017-05-05. Version r0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/catcodes>  
 MIRROR: <https://mirror.ctan.org/macros/generic/catcodes>
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 URL: <https://ctan.org/pkg/dhua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dhua>
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 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 fifinddo package. Filtering files using T<sub>E</sub>X*. 2017-05-06. Version 0.61. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fifinddo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/fifinddo.sty>
  - *The fifinddo-info package. German HTML beamer presentation on nicetext and morehype*. 2017-05-06. Version 1.1b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/fifinddo-info>  
 MIRROR: <https://mirror.ctan.org/info/fifinddo-info>
  - *The filedate package. Access and compare info and modification dates*. 2017-05-06. LICENSE: lppl. The package provides basic access to the date of a L<sup>A</sup>T<sub>E</sub>X source file according to its entry (the “info date”) as well as to its modification date according to if the latter is available.  
 URL: <https://ctan.org/pkg/filedate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/filedate>
  - *The fileinfo package. Enhanced display of L<sup>A</sup>T<sub>E</sub>X File Information*. 2018-01-06. Version 0.81a. LICENSE: lppl1.3. The bundle provides two packages, and . The package provides a means of reading file information without loading the body of the file. The package uses and controls what will report.  
 URL: <https://ctan.org/pkg/fileinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The finstrut package. Adjust behaviour of the ends of footnotes*. 2017-05-06. Version 0.5. LICENSE: lppl1.3. The L<sup>A</sup>T<sub>E</sub>X internal command is used automatically used at the end of footnote texts to insert a strut to avoid mis-spacing of multiple footnotes. Unfortunately the command can cause a blank line at the end of a footnote. The package provides a solution to this problem.  
 URL: <https://ctan.org/pkg/finstrut>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/finstrut>
  - *The ifnextok package. Utility macro: peek ahead without ignoring spaces*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ifnextok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifnextok>
  - *The inputtrc package. Trace which file loads which*. 2017-05-06. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/inputtrc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputtrc>
  - *The langcode package. Simple language-dependent settings based on language codes*. 2017-05-06. Version 0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/langcode>  
 MIRROR: <https://mirror.ctan.org/macros/generic/langcode>
  - *The latexfileinfo-pkgs package. A comparison of packages showing L<sup>A</sup>T<sub>E</sub>X file information*. 2017-05-06. Version 0.22. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latexfileinfo-pkgs>  
 MIRROR: <https://mirror.ctan.org/info/latexfileinfo-pkgs>
  - *The longnamefilelist package. Tidy \listfiles with long file names*. 2017-05-06. Version 0.2. LICENSE: lppl1.3. The package equips L<sup>A</sup>T<sub>E</sub>X’s command with an optional argument for the number of characters in the longest base filename. This way you get a neatly aligned file list even when it contains files whose base names have more than 8 characters. The package can be combined with the package as explained in the documentation.

- URL: <https://ctan.org/pkg/longnamefilelist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/longnamefilelist>
- Lück, Uwe. *The ltabptch package. Bug fix for longtable*. 2017-05-06. Version 1.74d. LICENSE: lppl. A patch for L<sup>A</sup>T<sub>E</sub>X bugs tools/3180 and tools/3480. The patch applies to version 4.11 of .  
URL: <https://ctan.org/pkg/ltabptch>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltabptch>
- *The makedoc package. Preprocessing documentation with T<sub>E</sub>X*. 2017-05-06. Version 0.52. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/makedoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
  - *The monofill package. Alignment of plain text*. 2017-05-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/monofill>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/monofill>
  - *The morehype package. Hypertext tools for use with L<sup>A</sup>T<sub>E</sub>X*. 2017-05-06. Version r0.83. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/morehype>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/morehype>
  - *The myfilist package. Configuring the output of the \listfiles command*. 2018-01-06. Version 0.71. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/myfilist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The nicefilelist package. Provide \listfiles alignment*. 2023-02-14. Version 0.9b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/nicefilelist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicefilelist>
  - *The nicetext package. Minimal markup for simple text (Wikipedia style) and documentation*. 2017-05-06. Version r0.67. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nicetext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext>
  - *The niceverb package. Minimising markup for documenting L<sup>A</sup>T<sub>E</sub>X packages*. 2017-05-06. Version 0.51. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/niceverb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicetext/use/niceverb.sty>
  - *The pictex-autoarea package. Automatic computation of bounding boxes with P<sub>i</sub>C<sub>T</sub>E<sub>X</sub>*. 2021-06-10. Version 0.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/pictex-autoarea>  
MIRROR: <https://mirror.ctan.org/graphics/pictex-addons/autoarea>
  - *The plainpkg package. A minimal method for making generic packages*. 2017-05-06. Version 0.4a. LICENSE: lppl1.3. The package provides a minimal method for making generic (i.e., T<sub>E</sub>X-format-independent) packaged, combining functionality, fallback definitions for L<sup>A</sup>T<sub>E</sub>X and functionality, and handling of arbitrary (multiple) “private letters” (analogous L<sup>A</sup>T<sub>E</sub>X packages’ use of “”) in nested package files. The documentation contains a central reference for making and using generic packages based on the package.  
URL: <https://ctan.org/pkg/plainpkg>  
MIRROR: <https://mirror.ctan.org/macros/generic/plainpkg>
  - *The readprov package. Provides GetFileInfo without the need to load the file*. 2017-05-06. Version 0.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/readprov>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fileinfo>
  - *The tamefloats package. Experimentally use \holdinginserts with L<sup>A</sup>T<sub>E</sub>X floats*. 2017-05-06. Version 0.42. LICENSE: lppl1.3. L<sup>A</sup>T<sub>E</sub>X’s figures, tables, and s are dangerous for footnotes (and probably also ). Here is a proposal (a ‘patch’ package) to help, by using in a simple way. It replaces the original problem with a new one — it is an experiment to find out whether the new problem is less bad (or it is just a contribution to the discussion, maybe just a summary of previous work). The files provide further information.  
URL: <https://ctan.org/pkg/tamefloats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tamefloats>
  - *The typeoutfileinfo package. Display class/package/file information*. 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>

- Lück, Uwe. *The wiki package. Use Wiki-style markup in a L<sup>A</sup>T<sub>E</sub>X document*. 2017-05-06. Version 0.2. LICENSE: lpl  
 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: lpl1.3c  
 URL: <https://ctan.org/pkg/fnlineno>  
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- 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: lpl  
 URL: <https://ctan.org/pkg/schwell>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The sueterlin package. Calligraphic font for typesetting handwriting in Sütterlin style*. 2016-07-29. LICENSE: pd  
 URL: <https://ctan.org/pkg/sueterlin>  
 MIRROR: <https://mirror.ctan.org/fonts/gothic/sueterlin>
- *The va package. Handwriting fonts*. 2016-06-24. LICENSE: noinfo. Two fonts, va14 and vacal14, provided as Metafont source. The distribution includes a L<sup>A</sup>T<sub>E</sub>X .fd file, and full macro support for use with L<sup>A</sup>T<sub>E</sub>X is available in the bundle.  
 URL: <https://ctan.org/pkg/va>  
 MIRROR: <https://mirror.ctan.org/fonts/va>
- Ludwig, Matthias and Christine Römer. *The translation-enumitem-de package. Enumitem documentation, in German*. 2016-06-24. LICENSE: lpl. This is a translation of the manual for .  
 URL: <https://ctan.org/pkg/translation-enumitem-de>  
 MIRROR: <https://mirror.ctan.org/info/translations/enumitem/de>
- Luecking, Daniel H. *The fntproof package. A programmable font test pattern generator*. 2016-06-24. LICENSE: pd. The package implements all the font testing commands of Knuth's , but arranges that information necessary for each command is supplied as arguments to that command, rather than prompted for. This makes it possible to type all the tests in one command line, and easy to input the package in a file and to use the commands there. A few additional commands supporting this last purpose are also made available.  
 URL: <https://ctan.org/pkg/fntproof>  
 MIRROR: <https://mirror.ctan.org/macros/generic/fntproof>
- *The mathdots package. Commands to produce dots in math that respect font size*. 2016-06-24. Version 0.9. LICENSE: lpl. 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: lpl1.3  
 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's. 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: lpl1.3  
 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: lpl

- 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)TeX commands*. 2016-06-24. Version 1.10. LICENSE: lpl1.3  
 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: lpl1.3c. 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: lpl1.3c. This package provides an easy to use command. It takes an URL of the Research Organization Registry (ROR) as argument and creates a ROR symbol which links to the given URL — very similar to the package from which it is derived. The symbol itself always fits with the choosen font size.  
 URL: <https://ctan.org/pkg/rorlink>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rorlink>
- Lukaszczuk, Stephan. *The inconsolata-nerd-font package. Inconsolata Nerd Font with support for X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X or LuaLaTeX*. 2023-09-23. Version 0.3. LICENSE: ofl,lpl1.3c  
 URL: <https://ctan.org/pkg/inconsolata-nerd-font>  
 MIRROR: <https://mirror.ctan.org/fonts/inconsolata-nerd-font>
- *The se2thesis package. A Thesis Class for the Chair of Software Engineering II at the University of Passau, Germany*. 2023-09-12. Version 3.2.0. LICENSE: lpl1.3c. 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>
- Łupkowski, 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: lpl1.3  
 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>  
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- 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: lgpl. 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: lgpl. 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. Oscillograms with PSTricks*. 2023-11-04. Version 2.82b. LICENSE: lgpl. 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: lgpl  
 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: lgpl  
 URL: <https://ctan.org/pkg/pst-am>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-am>
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- Mayer, Steve and Benjamin Zeiss. *The LatexRender package. Use L<sup>A</sup>T<sub>E</sub>X in PHP programs*. 2018-01-06. Version 0.8. LICENSE: gpl. LatexRender is a set of scripts that allows one to call L<sup>A</sup>T<sub>E</sub>X from PHP programs; in particular, this allows users to enter L<sup>A</sup>T<sub>E</sub>X commands in a forum and, on posting, have it replaced by a suitable gif or png. LatexRender requires L<sup>A</sup>T<sub>E</sub>X and ImageMagick to be installed. The open source PHP code was originally designed for use with phpBB, but it can be adapted for use with other PHP programs. Details and example installations may be found in the maintainer's .  
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 URL: <https://ctan.org/pkg/europasscv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/europasscv>
- McBane, George. *The gcard package. Arrange text on a sheet to fold into a greeting card*. 2016-06-24. LICENSE: lppl. The package provides a simple means of producing greeting cards. It arranges four panels onto a single sheet so that when the sheet is folded twice the four panels are arranged as front cover, inside left and right pages, and back cover. It uses the package for placement on the sheet and the package for the necessary rotation. The four panels are set in minipages for formatting by the user.  
 URL: <https://ctan.org/pkg/gcard>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gcard>
- McCarthy, Adrian. *The ScriptTeX package. Macros for scripts and screenplays*. 2016-06-24. Version 1.04. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/scripttex>  
 MIRROR: <https://mirror.ctan.org/macros/scripttex>
- McCauley, James Darrell. *The cea package. Produce papers for Computers and Electronics in Agriculture*. 2016-06-24. Version 0.1a. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cea>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/misc/cea.sty>
- *The marnote package. Place text in the margin of a document*. 2016-06-24. Version 0.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/marnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/marnote.sty>
- McClain, Christopher. *The counterz package. Additional tools for counters*. 2023-06-06. Version 1.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/counterz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/counterz>
- *The examz package. Randomized exams with multiple versions*. 2023-06-17. Version 1.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/examz>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/examz>
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 URL: <https://ctan.org/pkg/corelfonts>  
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- McCormick, Doc. *The hpgl2ps package. Translate HPGL to PostScript*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/hpgl2ps>  
 MIRROR: <https://mirror.ctan.org/graphics/hpgl2ps>
- McDonnell, Rowland. *The cmo1ddig package. Virtual fount setup for using old style digits*. 2016-06-24. Version 1.6. LICENSE: lppl. This package is a virtual font setup for using old style digits by default with the OT1 encoded Computer Modern Roman upright fonts.

The package does the same job for the T1 encoded EC fonts and is generally much better because the EC fonts are like that; but then again, OT1 encoded cmr is available for free in TrueType and PS Type 1 formats and has its uses in pdf files as a result.

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

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

McDonnell, Rowland. *The eurofont package. Provides a command that prints a euro symbol.* 2016-06-24. Version 1.1.3. LICENSE: other-free. The particular symbol printed by will in general change depending on the font family, weight, and shape in use at the time. This symbol can come from any source, and the package user has complete control over which euro symbol is used in any given situation. The package is pre-configured to behave sensibly with many common text fonts and available euro symbols. The command can print ‘faked’ euro symbols from a C with two lines across it when no suitable real euro symbol is available; the package also includes code for printing fake bold euro symbols for use when no real bold symbol exists, as well as pre-configured support for a faked italic version of the font. Eurofont comes set up to use euro symbols from Adobe’s Eurofonts, the font, the font, and any available Text Companion fonts. The selection between these can be done using options passed to the package. The eurofont package also ‘knows’ about the font’s euro symbol, and can be configured to use it.

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

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

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

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

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

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

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

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

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

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

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

McHale, Ciaran. *The refer package. Convert a BibTeX bibliography to refer format.* 2016-06-18. LICENSE: noinfo

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

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

McKay, Benjamin. *The dynkin-diagrams package. Draw Dynkin, Coxeter, and Satake diagrams using TikZ.* 2023-06-02. Version 3.141592653589793

LICENSE: lppl1.3c

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

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

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

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

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

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

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

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

— *The rank-2-roots package. Draw (mathematical) rank 2 root systems.* 2023-09-03. Version 1.2. LICENSE: lppl1.3c

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

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

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

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

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

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

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

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

McKinstry, Graeme. *The merge package. Perform mail merges in L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo

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

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

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 URL: <https://ctan.org/pkg/latexmake>  
 MIRROR: <https://mirror.ctan.org/support/latexmake>
- McManus, Éamonn. *The compare package. Compare two strings*. 2020-04-11. LICENSE: pd. The file defines a macro , which takes two arguments; the macro expands to -1, 0, 1, according as the first argument is less than, equal to, or greater than the second argument. Sorting is alphabetic, using ASCII collating order.  
 URL: <https://ctan.org/pkg/compare>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/compare.tex>
- *The cprog package. Typeset C programs*. 2016-06-24. Version 1.4. LICENSE: pd  
 URL: <https://ctan.org/pkg/cprog>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/cprog.sty>
  - *The unouter package. Suppress \outer flags in Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: other-free. The package suppresses all the flags on macros in Plain T<sub>E</sub>X; it also suppresses the command.  
 URL: <https://ctan.org/pkg/unouter>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/unouter.tex>
- McNees, Robert and Leo Stein. *The gridpapers package. Graph paper backgrounds and color schemes*. 2021-03-28. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/gridpapers>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridpapers>
- McPhee, Patrick T J. *The bbcard package. Bullshit bingo, calendar and baseball-score cards*. 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/bbcard>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/bbcard>
- *The slideshow package. Generate slideshow with MetaPost*. 2016-06-24. Version 1.0. LICENSE: other-free  
 URL: <https://ctan.org/pkg/slideshow>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/slideshow>
- McPhee, Patrick T J and Nazeen N. (Neenie) Billawalla. *The pandora-type1 package. The Pandora font family*. 2016-06-24. LICENSE: nocommercial. The fonts offer drop-in replacements for the PK files, for use with dvips, dvipdfm, pdfT<sub>E</sub>X, etc. You should use the TFM files generated by Metafont (the package contains AFM files, but they have not been tested). The encoding is exactly the same as the PK files, and the package does not contain any additional characters. The fonts have been successfully used, but no warranty is offered.  
 URL: <https://ctan.org/pkg/pandora-type1>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/pandora>
- McPherson, Kent. *The bookform package. L<sup>A</sup>T<sub>E</sub>X 2.08 style for MIL STD 490 documents*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/bookform>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/bookform>
- *The extradefs package. A miscellany of support macros*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/extradefs>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/extradefs.tex>
  - *The memo2 package. A memo document style*. 2016-06-24. LICENSE: noinfo. A small document style (L<sup>A</sup>T<sub>E</sub>X 2.09) which produces a presentable memorandum layout. The style will work under L<sup>A</sup>T<sub>E</sub>X 2e (subject to the usual complaints), but requires the package.  
 URL: <https://ctan.org/pkg/memo2>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/memo2>
  - *The milstd package. Generate documents according to MIL STD 490*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/milstd>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/milstd>
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 URL: <https://ctan.org/pkg/layout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/required/tools>
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 URL: <https://ctan.org/pkg/fontch>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/fontch>
- *The old-fontch package. Changing fonts, sizes and encodings in Plain T<sub>E</sub>X (obsolete version)*. 2016-06-24. Version 2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/old-fontch>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/plain/contrib/fontch20>

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 URL: <https://ctan.org/pkg/sphyphb>  
 MIRROR: <https://mirror.ctan.org/language/spanish/sphyphb>
- Medini, Yotam. *The tfmpk package. A viewer for tfm and pk font files*. 2016-06-24. Version 0.72. LICENSE: gpl  
 URL: <https://ctan.org/pkg/tfmpk>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/tfmpk>
- Meer, Hans van der. *The exams package. Typeset exam questions*. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/exams>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exams>
- *The slidenotes package. Typeset slides accompanied by notes*. 2019-06-21. Version 3.27. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/slidenotes>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/slidenotes>
- Meer, Sven van der. *The skb package. Tools for a repository of long-living documents*. 2017-04-18. Version 0.52. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/skb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skb>
- Mégevand, Denis and Vincent Belaïche. *The lettre package. Letters and faxes in French*. 2020-04-13. Version 3.002. LICENSE: lppl1.3.  
 Developed from the ancestor of the standard class, at the Observatoire de Genève.  
 URL: <https://ctan.org/pkg/lettre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lettre>
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 URL: <https://ctan.org/pkg/unswcover>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unswcover>
- Méhats, Laurent. *The drv package. Derivation trees with MetaPost*. 2016-06-24. Version 0.97. LICENSE: lppl  
 URL: <https://ctan.org/pkg/drv>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/drv>
- Mehl, Albrecht. *The shortcuttool package. Enables shortcut file import to the input tool Shortcut*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/shortcuttool>  
 MIRROR: <https://mirror.ctan.org/support/shortcuttool>
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 URL: <https://ctan.org/pkg/fp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fp>
- *The hyper package. Hypertext cross referencing*. 2016-06-24. Version 4.2d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/hyper>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyper>
- Meijer, Erik. *The apacite package. Citation style following the rules of the APA*. 2019-12-27. Version 6.03. LICENSE: lppl. Apacite provides a BibTeX style and a L<sup>A</sup>T<sub>E</sub>X package which are designed to match the requirements of the American Psychological Association's style for citations. The package follows the 6th edition of the APA manual, and is designed to work with the class. A test document is provided. The package is compatible with and (to some extent) with (for limits of compatibility, see the documentation). The package also includes a means of generating an author index for a document.  
 URL: <https://ctan.org/pkg/apacite>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/apacite>
- Meister, Matthias. *The present package. Presentations with Plain T<sub>E</sub>X*. 2019-02-17. Version 2.2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/present>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/present>
- Melendez, Enrique. *The cweb-hy package. Insert hyperlinks for included files*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cwebhy>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cweb/contrib/cweb-hy>
- Melnikov, Vitaly G. *The vak package. BibTeX style for Russian Theses, books, etc*. 2022-09-15. LICENSE: lppl  
 URL: <https://ctan.org/pkg/vak>  
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 URL: <https://ctan.org/pkg/uhrzeit>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listbls>

Mendler, Daniel. *The gridslides package. Free form slides with blocks placed on a grid.* 2017-11-28. Version 0.1.1. LICENSE: lppl1.3,gpl2  
URL: <https://ctan.org/pkg/gridslides>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gridslides>

Meneghetti, Douglas De Rizzo. *The fei package. Class for academic works at FEI University Center — Brazil.* 2022-12-24. Version 4.10.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fei>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fei>

Merciadri, Luca. *The bigints package. Writing big integrals.* 2019-02-04. LICENSE: lppl  
URL: <https://ctan.org/pkg/bigints>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bigints>

— *The plantslabels package. Write labels for plants.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/plantslabels>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/plantslabels>

— *The turnthepage package. Provide “turn page” instructions.* 2016-06-24. Version 1.3a. LICENSE: lppl  
URL: <https://ctan.org/pkg/turnthepage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/turnthepage>

Merckens, A. and Erik Frambach. *The amspell package. ASCII and L<sup>A</sup>T<sub>E</sub>X spell checker.* 2016-06-24. LICENSE: nosource  
URL: <https://ctan.org/pkg/amspell>  
MIRROR: <https://mirror.ctan.org/support/amspell>

Mertz, Andrew. *The jflap2tikz package. Convert JFlap file into a L<sup>A</sup>T<sub>E</sub>X file depicting the automaton using TikZ.* 2016-06-24. Version 1.2. LICENSE: other-free. JFlap is an excellent piece of software for experimenting with finite state machines, Turing machines and for exploring many aspects of the theory of computation. JFLAP2TikZ is a script that converts a JFlap “ file representing a finite automaton, push down automaton, or Turing machine to L<sup>A</sup>T<sub>E</sub>X file depicting the automaton graphically using TikZ.  
URL: <https://ctan.org/pkg/jflap2tikz>  
MIRROR: <https://mirror.ctan.org/graphics/jflap2tikz>

Merz, Thomas. *The jpeg2ps package. Convert JPEG files to PostScript Level 2 or 3 EPS.* 2016-06-24. Version 1.8. LICENSE: nosell  
URL: <https://ctan.org/pkg/jpeg2ps>  
MIRROR: <https://mirror.ctan.org/support/jpeg2ps>

Messineo, Grazia and Salvatore Vassallo. *The esami package. Typeset exams with scrambled questions and answers.* 2023-07-22. Version 2.8. LICENSE: lppl  
URL: <https://ctan.org/pkg/esami>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esami>

Meyer-Lerbs, Lothar. *The OzTeX-german package. German packaging of OzTeX.* 2016-06-18. LICENSE: pd  
URL: <https://ctan.org/pkg/oztex-german>  
MIRROR: <https://mirror.ctan.org/obsolete/systems/mac/oztex-german>

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

— *The C.D.P. Bundle package. Business letters in the Italian style.* 2022-01-13. Version 0.36d. LICENSE: lppl  
URL: <https://ctan.org/pkg/cdpbundl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdpbundl>

— *The halloweenmath package. Scary and creepy math symbols with AMS-L<sup>A</sup>T<sub>E</sub>X integration.* 2019-11-01. Version 0.11. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/halloweenmath>

Michael, Vonbun. *The karnaughmap package. Typeset Karnaugh maps.* 2016-11-25. Version 2.0. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/karnaughmap>  
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URL: <https://ctan.org/pkg/textgreek>  
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 URL: <https://ctan.org/pkg/eqmlite>  
 MIRROR: <https://mirror.ctan.org/systems/win32/micropress/eqmlite>
- *The hvmath-fonts package. Bitmap versions of the Micropress HV-Math fonts (Helvetica Maths)*. 2023-07-10. LICENSE: nocommercial. This is the ‘public’ part of the HV-Math font distribution: metrics, and a set of bitmap files. Actually to use the fonts, you probably also need the by Walter Schmidt.  
 URL: <https://ctan.org/pkg/hvmath-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/micropress/hvmath>
  - *The MicroIMP package. A T<sub>E</sub>X-based word processor*. 2016-06-24. Version 0.18. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/microimp>  
 MIRROR: <https://mirror.ctan.org/systems/win32/microimp>
  - *The tmmath-fonts package. Bitmap versions of the Micropress TM-Math fonts (Times Maths)*. 2023-07-10. Version 1.2. LICENSE: nocommercial. This is the ‘public’ part of the TM-Math font distribution: metrics, and a set of bitmap files (in .pk format). Actually to use the fonts, you are advised to use the by Walter Schmidt.  
 URL: <https://ctan.org/pkg/tmmath-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/micropress/tmmath>
  - *The VTeX/Free package. TeX system and PDF support for Linux and OS/2*. 2022-01-28. Version 8.46. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/vtex-free>  
 MIRROR: <https://mirror.ctan.org/systems/vtex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay-pkg>
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 URL: <https://ctan.org/pkg/context-typearea>  
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/context/contrib/context-urwgaramond>
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 URL: <https://ctan.org/pkg/degrade>  
 MIRROR: <https://mirror.ctan.org/graphics/degrade>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/gmutils>
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 URL: <https://ctan.org/pkg/gmverse>  
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 URL: <https://ctan.org/pkg/catoptions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/catoptions>
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 URL: <https://ctan.org/pkg/changelayout>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changelayout>
  - *The draftmark package. Put draft marks on selected pages*. 2016-06-24. Version 1.2. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/draftmark>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/draftmark>
  - *The getfiledate package. Find the date of last modification of a file*. 2016-06-24. Version 1.2. LICENSE: lppl. The package fetches from the system the date of last modification or opening of an existing file, using the function (present in recent versions of pdfT<sub>E</sub>X); the user may specify how the date is to be presented.  
 URL: <https://ctan.org/pkg/getfiledate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/getfiledate>
  - *The keyreader package. A robust interface to xkeyval*. 2016-06-24. Version 0.5b. LICENSE: lppl1.3  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyreader>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/loops>
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  - *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  
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 URL: <https://ctan.org/pkg/pagerange>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pagerange>
  - *The pgfkeyx package. Extended and more robust version of pgfkeys*. 2016-06-24. Version 0.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgfkeyx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pgfkeyx>
  - *The skeycommand package. Create commands using parameters and keyval in parallel*. 2016-06-24. Version 0.4. LICENSE: lppl1.3. The package provides tools for defining L<sup>A</sup>T<sub>E</sub>X commands and environments using combinations of parameters and keys. All the facilities of the and packages are available to the user of skeycommand.  
 URL: <https://ctan.org/pkg/skeycommand>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/skeyval>
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 URL: <https://ctan.org/pkg/umoline>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/suetterl1>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fundus/twcal>
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MIRROR: <https://mirror.ctan.org/obsolete/dviware/dvi2xx>
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 URL: <https://ctan.org/pkg/rubikcube>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rubik>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rubik>
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 URL: <https://ctan.org/pkg/rubiktwocube>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rubik>
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 URL: <https://ctan.org/pkg/megatape>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/megatape>
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 URL: <https://ctan.org/pkg/acro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acro>
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 URL: <https://ctan.org/pkg/bohr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bohr>
  - *The carbohydrates package. Carbohydrate molecules with chemfig*. 2017-04-18. Version 0.1. LICENSE: lppl1.3. This package offers macros that make the preparation of exercise sheets for teaching carbohydrate chemistry a lot less tedious. It uses for drawing the formulas. Different representation models (Fischer, Haworth, chair...) are supported as well as alpha, beta, and chain isomers.  
 URL: <https://ctan.org/pkg/carbohydrates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/carbohydrates>
  - *The chemexec package. Creating (chemical) exercise sheets*. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/chemexec>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemexec>
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 URL: <https://ctan.org/pkg/chemformula>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chemformula>
  - *The chemgreek package. Upright Greek letters in chemistry*. 2020-01-16. Version 1.1a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/chemgreek>  
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URL: <https://ctan.org/pkg/cnltx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnltx>
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URL: <https://ctan.org/pkg/cntformats>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntformats>
  - *The elements package*. Provides properties of chemical elements. 2022-01-29. Version 0.4. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/elements>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/elements>
  - *The embrac package*. Upright brackets in emphasised text. 2021-02-20. Version 0.9a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/embrac>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embrac>
  - *The endiagram package*. Easy creation of potential energy curve diagrams. 2016-06-24. Version 0.1d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/endiagram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endiagram>
  - *The enotez package*. Support for end-notes. 2022-01-04. Version 0.10d. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/enotez>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/enotez>
  - *The exsheets package*. Create exercise sheets and exams. 2023-06-02. Version 0.21k. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/exsheets>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exsheets>
  - *The fnpct package*. Manage footnote marks' interaction with punctuation. 2022-02-27. Version 1.1a. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/fnpct>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fnpct>
  - *The ghsystem package*. Globally harmonised system of chemical (etc) naming. 2020-02-17. Version 4.8c. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/ghsystem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ghsystem>
  - *The guitarchordschemes package*. Guitar Chord and Scale Tablatures. 2020-03-18. Version 0.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/guitarchordschemes>  
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URL: <https://ctan.org/pkg/idxcmds>  
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URL: <https://ctan.org/pkg/modigram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/modigram>
  - *The musixguit package*. Easy notation for guitar music, in MusiXTeX. 2016-06-24. Version 1.2.2. LICENSE: lppl1.3. The package provides commands for typesetting notes for guitar, especially for simplifying guitar notation with .  
URL: <https://ctan.org/pkg/musixguit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/musixguit>
  - *The mychemistry package*. Create reaction schemes with L<sup>A</sup>T<sub>E</sub>X and chemfig. 2020-04-11. Version 1.99b. LICENSE: lppl1.3  
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URL: <https://ctan.org/pkg/snotez>  
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URL: <https://ctan.org/pkg/substances>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tasks>
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  - *The xsim package. eXercise Sheets IMproved.* 2022-02-12. Version 0.21. LICENSE: lppl1.3c. This package helps in creating exercises and the corresponding solutions. It is the official successor of the package and fixes/improves various long-standing issues.  
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MIRROR: <https://mirror.ctan.org/support/ant-worker-tasks>
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URL: <https://ctan.org/pkg/properties>  
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  - *The statistik package. Store statistics of a document.* 2016-06-24. Version 0.03. LICENSE: gpl  
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URL: <https://ctan.org/pkg/blowup>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/blowup>
- *The colorinfo package. Retrieve colour model and values for defined colours.* 2016-06-18. Version 0.3c. LICENSE: lppl  
URL: <https://ctan.org/pkg/colorinfo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/colorinfo>
  - *The eso-pic package. Add picture commands (or backgrounds) to every page.* 2023-05-03. Version 3.0c. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/eso-pic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eso-pic>
  - *The image-gallery package. Create an overview of pictures from a digital camera or from other sources.* 2016-06-24. Version 1.0j. LICENSE: lppl  
URL: <https://ctan.org/pkg/image-gallery>  
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URL: <https://ctan.org/pkg/keystroke>  
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  - *The niceframe-type1 package. Type 1 versions of the fonts recommended in niceframe.* 2023-08-17. LICENSE: lppl. The bundle provides Adobe Type 1 versions of the fonts , , , .  
URL: <https://ctan.org/pkg/niceframe-type1>  
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has the same dimensions as the included graphic. L<sup>A</sup>T<sub>E</sub>X commands can be placed on the graphic at defined positions; a grid for orientation is available.

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

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

- *The ps4pdf package*. Use PostScript commands inside a pdfL<sup>A</sup>T<sub>E</sub>X document. 2021-08-26. Version 0.6i. LICENSE: lppl

URL: <https://ctan.org/pkg/ps4pdf>

MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/ps4pdf>

- *The scr1ttr2copy package*. A letter class option file for the automatic creation of copies. 2020-10-22. Version 0.3a. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/scr1ttr2copy>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scr1ttr2copy>

- *The showexpl package*. Typesetting L<sup>A</sup>T<sub>E</sub>X source code. 2021-01-13. Version 0.3s. LICENSE: lppl1.2

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

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

- *The showframe package*. Draw a page-layout diagram. 2020-10-14. Version 0.1j. LICENSE: lppl1.3

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

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eso-pic/showframe.sty>

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

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

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

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 URL: <https://ctan.org/pkg/tsconfig>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cellspace>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmdstring>
  - *The xifthen package. Extended conditional commands*. 2016-06-24. Version 1.4.0. LICENSE: lppl. This package extends the package by implementing new commands to go within the first argument of : to test whether a string is void or not, if a command is defined or equivalent to another. The package also enables use of complex expressions as introduced by the package , together with the ability of defining new commands to handle complex tests.  
 URL: <https://ctan.org/pkg/xifthen>  
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 URL: <https://ctan.org/pkg/xnewcommand>  
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 URL: <https://ctan.org/pkg/overlays>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/overlays>
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 URL: <https://ctan.org/pkg/xpdf>
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 URL: <https://ctan.org/pkg/iso209>  
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 URL: <https://ctan.org/pkg/csfonts>  
 MIRROR: <https://mirror.ctan.org/macros/cstex/base/csfonts.tar.gz>

- Novikov, Mikael. *The bmstu package. A L<sup>A</sup>T<sub>E</sub>X class for Bauman Moscow State Technical University*. 2023-01-28. Version 2.0.0. LICENSE: lppl1.3,other-free  
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 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/beamer-contrib/themes/fibeamer>
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 URL: <https://ctan.org/pkg/fithesis>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fithesis>
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 URL: <https://ctan.org/pkg/lt3luabridge>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lt3luabridge>
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 URL: <https://ctan.org/pkg/markdown>  
 MIRROR: <https://mirror.ctan.org/macros/generic/markdown>
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 MIRROR: <https://mirror.ctan.org/obsolete/fonts/psfonts/polish/antp>
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 MIRROR: <https://mirror.ctan.org/fonts/antt>
  - *The cyklop package. The Cyclop typeface*. 2016-06-24. Version 0.915. LICENSE: gfl  
 URL: <https://ctan.org/pkg/cyklop>  
 MIRROR: <https://mirror.ctan.org/fonts/cyklop>
  - *The iwona package. A two-element sans-serif font*. 2018-06-16. Version 0.995b. LICENSE: gfl  
 URL: <https://ctan.org/pkg/iwona>  
 MIRROR: <https://mirror.ctan.org/fonts/iwona>
  - *The kurier package. A two-element sans-serif typeface*. 2018-06-16. Version 0.995b. LICENSE: gfl  
 URL: <https://ctan.org/pkg/kurier>  
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  - *The plpsfont package. Polish extension of CM fonts in Type 1 format*. 2016-06-24. Version 1.15. LICENSE: pd. This package is the Polish extension of the Computer Modern fonts (known as PL fonts), in Adobe Type 1 (PostScript) format. The fonts use the same .tfm files as for the . This release of fonts was adapted to the (mostly guessed) demands of the Windows environment, while keeping the fonts usable with T<sub>E</sub>X; however, encoding files are now added, as Windows and T<sub>E</sub>X use different encoding schemes.  
 URL: <https://ctan.org/pkg/plpsfont>  
 MIRROR: <https://mirror.ctan.org/language/polish/plpsfont>
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 URL: <https://ctan.org/pkg/poligraf>  
 MIRROR: <https://mirror.ctan.org/macros/generic/TeX-PS/poligraf>

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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/computational-complexity>
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 URL: <https://ctan.org/pkg/sacsymb>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/sacsymb>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-swedish>
- *The vxu package. Document classes for Vaxjo University*. 2016-06-24. Version 3.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/vxu>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/vxu>
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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: lppl1.3  
 URL: <https://ctan.org/pkg/aliascnt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/aliascnt.dtx>
- *The alphas package. Convert numbers to letters*. 2019-12-14. Version 2.6. LICENSE: lppl1.3. 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/alphaph>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/alphaph>
- *The atbegshi package. Execute stuff at \shipout time*. 2019-12-07. Version 1.19. LICENSE: lppl1.3. This package is a modern reimplementaion of package , providing various commands to be executed before a command. It makes use of e-TeX's facilities if they are available. The package may be used either with L<sup>A</sup>T<sub>E</sub>X or with plain T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/atbegshi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atbegshi>
- *The atenddvi package. Provides the \AtEndDvi command*. 2020-11-12. Version 1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/atenddvi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atenddvi>
- *The attachfile2 package. Attach files into PDF*. 2019-11-27. Version 2.11. LICENSE: lppl1.3c. This package can be used to attach files to a PDF document. It is a further development of Scott Pakin's package for . Apart from bug fixes, this package adds support for dvips, some new options, and gets and writes meta information data about the attached files.  
 URL: <https://ctan.org/pkg/attachfile2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile2>
- *The atveryend package. Hooks at the very end of a document*. 2019-12-12. Version 1.11. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X packages provides two hooks for that are executed after the hook of : can be used for code that is to be executed right after the last before the " file is closed. is used for code after closing and final reading of the " file.  
 URL: <https://ctan.org/pkg/atveryend>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/atveryend>
- *The auxhook package. Hooks for auxiliary files*. 2019-12-22. Version 1.6. LICENSE: lppl1.3. This package auxhook provides hooks for adding stuff at the begin of files.  
 URL: <https://ctan.org/pkg/auxhook>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auxhook>
- *The backref package. Make hyper-references back from bibliography to citation*. 2023-10-22. Version 1.43. 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>
- Oberdiek, Heiko. *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 >=1.30, in PDF mode, is supported.  
URL: <https://ctan.org/pkg/embedfile>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedfile>
- *The engord package. Converts numbers to English ordinal numbers.* 2018-01-06. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/engord>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/engord.dtx>
- *The enparen package. Consistent nested brackets.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/enparen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/enparen.dtx>
- *The eolgrab package. Catch arguments delimited by end of line.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/eolgrab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/eolgrab.dtx>
- *The epstopdf-pkg package. Call epstopdf “on the fly”.* 2020-01-24. Version 2.11. LICENSE: lppl1.3. The package adds support for EPS files in the package when running under pdfTeX. If an EPS graphic is detected, the package spawns a process to convert the EPS to PDF, using the script . This of course requires that shell escape is enabled for the pdfTeX run.  
URL: <https://ctan.org/pkg/epstopdf-pkg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epstopdf-pkg>
- Oberdiek, Heiko. *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>
- *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. 2023-10-26. Version 1.19. LICENSE: lppl1.3c. This package adds hypertext features to the package that is used in the documentation system of . Bookmarks are added and references are linked as far as possible.  
URL: <https://ctan.org/pkg/hypdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hypdoc>

- Oberdiek, Heiko. *The hypgotoe package. Links to embedded files.* 2019-12-31. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hypgotoe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hypgotoe.dtx>
- *The hyphsubst package. Substitute hyphenation patterns.* 2016-06-24. Version 0.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/hyphsubst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/hyphsubst.dtx>
  - *The ifdraft package. Detect “draft” and “final” class options.* 2018-01-06. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iftdraft>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iftdraft.dtx>
  - *The iflang package. Expandable checks for the current language.* 2018-09-08. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/iflang>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/iflang.dtx>
  - *The infwarerr package. Complete set of information/warning/error message macros.* 2019-12-06. Version 1.5. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/infwarerr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/infwarerr>
  - *The inputenx package. Enhanced input encoding handling.* 2019-12-01. Version 1.12. LICENSE: lppl1.3. This package deals with input encodings. It provides a wider range of input encodings using standard mappings, than does ; it also covers nearly all slots. In this way, it serves as more up-to-date replacement for package .  
 URL: <https://ctan.org/pkg/inputenx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inputenx>
  - *The intcalc package. Expandable arithmetic operations with integers.* 2019-12-21. Version 1.3. LICENSE: lppl1.3. This package provides expandable arithmetic operations with integers, using the e-TeX extension if it is available.  
 URL: <https://ctan.org/pkg/intcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/intcalc>
  - *The kvdefinekeys package. Define keys for use in the kvsetkeys package.* 2019-12-21. Version 1.6. LICENSE: lppl1.3c. The package provides a macro (analogous to , to define keys for use by .  
 URL: <https://ctan.org/pkg/kvdefinekeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvdefinekeys>
  - *The kvoptions package. Key value format for package options.* 2022-06-16. Version 3.15. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/kvoptions>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvoptions>
  - *The kvsetkeys package. Key value parser with default handler support.* 2022-10-05. Version 1.19. LICENSE: lppl1.3. This package provides \kvsetkeys, a variant of package ’s . It allows the user to specify a handler that deals with unknown options. Active commas and equal signs may be used (e.g. see ’s shorthands) and only one level of curly braces are removed from the values.  
 URL: <https://ctan.org/pkg/kvsetkeys>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kvsetkeys>
  - *The LaTeX-tds package. A structured copy of the L<sup>A</sup>T<sub>E</sub>X distribution.* 2021-03-14. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-tds>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/latex-tds>
  - *The letltxmacro package. Let assignment for L<sup>A</sup>T<sub>E</sub>X macros.* 2019-12-06. Version 1.6. LICENSE: lppl1.3. TeX’s assignment does not work for L<sup>A</sup>T<sub>E</sub>X macros with optional arguments or for macros that are defined as robust macros by . This package defines that also takes care of the involved internal macros.  
 URL: <https://ctan.org/pkg/letltxmacro>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/letltxmacro>
  - *The listingsutf8 package. Allow UTF-8 in listings input.* 2019-12-14. Version 1.5. LICENSE: lppl1.3. Package does not support files with multi-byte encodings such as UTF-8. In the case of , a simple workaround is possible if a one-byte encoding exists that the file can be converted to. The package requires the e-TeX extensions under pdfTeX (in either PDF or DVI output mode).  
 URL: <https://ctan.org/pkg/listingsutf8>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listingsutf8>
  - *The ltxcmds package. Some L<sup>A</sup>T<sub>E</sub>X kernel commands for general use.* 2020-09-24. Version 1.25. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/ltxcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/ltxcmds>
- Oberdiek, Heiko. *The luacolor package. Color support based on LuaTeX’s node attributes.* 2023-08-18. Version 1.18. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luacolor>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/luacolor>

- *The luatex-pkg package. Basic definitions for LuaTeX.* 2019-11-15. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/luatex-pkg>
- *The magicnum package. Access T<sub>E</sub>X systems’ “magic numbers”.* 2019-12-01. Version 1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/magicnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/magicnum>
- *The makerobust package. Making a macro robust (legacy package).* 2019-11-17. Version 2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/makerobust>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makerobust>
- *The mkjobtexmf package. Generate a texmf tree for a particular job.* 2016-06-24. Version 0.8. LICENSE: artistic  
URL: <https://ctan.org/pkg/mkjobtexmf>  
MIRROR: <https://mirror.ctan.org/support/mkjobtexmf>
- *The mleftright package. Variants of delimiters that act as maths open/close.* 2019-12-06. Version 1.2. LICENSE: lppl1.3. The package defines variants of `and` and `,` that make the delimiters act as `and` and `,`. These commands address spacing difficulties in subformulas.  
URL: <https://ctan.org/pkg/mleftright>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mleftright>
- *The oberdiek package. A bundle of packages submitted by Heiko Oberdiek.* 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>
- *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 T<sub>E</sub>X’s escape features (`\`, `^`, `~`, `_{}`) using T<sub>E</sub>X or e-TeX.  
URL: <https://ctan.org/pkg/pdfescape>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfescape>
- *The pdfscape package. Make landscape pages display as landscape.* 2022-10-29. Version 0.13. LICENSE: lppl1.3c. The package adds PDF support to the landscape environment of package `landscape`, by setting the PDF page attribute. Pages with this attribute will be displayed in landscape orientation by conforming PDF viewers.  
URL: <https://ctan.org/pkg/pdfscape>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfscape>

- Oberdiek, Heiko. *The pdfrender package. Control rendering parameters*. 2019-12-31. Version 1.6. LICENSE: lppl1.3. The package provides interfaces for the user to control PDF parameters, such as line width or text rendering mode. The control operations work in a manner very similar to that of the package.  
 URL: <https://ctan.org/pkg/pdfrender>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/pdfrender.dtx>
- *The pdftexcmds package. LuaTeX support for pdfTeX utility functions*. 2020-06-29. Version 0.33. LICENSE: lppl1.3c. LuaTeX provides most of the commands of 1.40. However, a number of utility functions are not available. This package tries to fill the gap and implements some of the missing primitives using Lua.  
 URL: <https://ctan.org/pkg/pdftexcmds>  
 MIRROR: <https://mirror.ctan.org/macros/generic/pdftexcmds>
  - *The picture package. Dimens for picture macros*. 2020-04-23. Version 1.6. LICENSE: lppl1.3. There are macro and environment arguments that expect numbers that will internally be multiplied by . This package extends the syntax of these arguments, so that dimensions with calculation support may be used for these arguments.  
 URL: <https://ctan.org/pkg/picture>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/picture>
  - *The pkfix package. Replace pk fonts in PostScript with Type 1 fonts*. 2018-01-06. Version 1.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pkfix>  
 MIRROR: <https://mirror.ctan.org/support/pkfix>
  - *The pmboxdraw package. Poor man's box drawing characters*. 2019-12-10. Version 1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pmboxdraw>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmboxdraw>
  - *The protecteddef package. Define protected commands*. 2016-06-24. Version 1.1. LICENSE: lppl1.3. The package defines a command that will create L<sup>A</sup>T<sub>E</sub>X ‘robust’ command or an e-TeX ‘protected’ command as appropriate to its environment.  
 URL: <https://ctan.org/pkg/protecteddef>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/protecteddef.dtx>
  - *The refcount package. Counter operations with label references*. 2019-12-21. Version 3.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/refcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/refcount>
  - *The rerunfilecheck package. Checksum based rerun checks on auxiliary files*. 2022-07-10. Version 1.10. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rerunfilecheck>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rerunfilecheck>
  - *The resizegather package. Automatically resize overly large equations*. 2018-01-06. Version 1.3. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/resizegather>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/resizegather.dtx>
  - *The rotchiffre package. Perform simple rotation cyphers*. 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/rotchiffre>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/rotchiffre.dtx>
  - *The scrindex package. Make index package work with Koma-script classes*. 2016-06-24. Version 1.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/scrindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/scrindex.dtx>
  - *The selinput package. Semi-automatic detection of input encoding*. 2019-12-14. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/selinput>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/selinput>
  - *The setouterhbox package. Set hbox in outer horizontal mode*. 2016-06-24. Version 1.8. LICENSE: lppl1.3. If math stuff is set in an , then T<sub>E</sub>X performs some optimization and omits the implicit penalties and . This packages tries to put stuff into an without losing those penalties.  
 URL: <https://ctan.org/pkg/setouterhbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/setouterhbox.dtx>
  - *The settobox package. Assigning dimensions of a box to a length register*. 2018-01-06. Version 1.5. LICENSE: lppl1.3. Commands to assist the reuse of boxes (set up by or by the environment); the commands behave similarly to the (etc.) commands. For example:  
 URL: <https://ctan.org/pkg/settobox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/settobox.dtx>
- Oberdiek, Heiko. *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 L<sup>A</sup>T<sub>E</sub>X ones, or environments from the or the package).  
 URL: <https://ctan.org/pkg/tabularkv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/tabularkv.dtx>
  - *The telprint package. Format German phone numbers.* 2018-01-06. Version 1.11. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/telprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/telprint.dtx>
  - *The thepdfnumber package. Print PDF numbers with minimal digits.* 2016-06-24. Version 1.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/thepdfnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/thepdfnumber.dtx>
  - *The thumbpdf package. Thumbnails for pdfTeX and dvips/ps2pdf.* 2018-09-08. Version 3.17. LICENSE: lppl1.3. A Perl script that provides support for thumbnails in and /ps2pdf. The script uses to generate the thumbnails which get represented in a T<sub>E</sub>X readable file that is read by the package to automatically include the thumbnails. This arrangement works with both plain T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/thumbpdf>  
 MIRROR: <https://mirror.ctan.org/support/thumbpdf>
  - *The transparent package. Using a color stack for transparency with pdfTeX.* 2022-10-29. Version 1.5. LICENSE: lppl1.3c. and support several color stacks. This package shows how a separate color stack can be used for transparency, a property besides color that works across page breaks. If the PDF management is used it can also be used with other engines, but without support for page breaks.  
 URL: <https://ctan.org/pkg/transparent>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/transparent>
  - *The twoopt package. Definitions with two optional arguments.* 2018-01-06. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/twoopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/oberdiek/twoopt.dtx>
  - *The uniquecounter package. Provides unlimited unique counter.* 2019-12-21. Version 1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uniquecounter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uniquecounter>
  - *The vpe package. Source specials for PDF output.* 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/vpe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vpe>
  - *The zref package. A new reference scheme for L<sup>A</sup>T<sub>E</sub>X.* 2023-09-14. Version 2.35. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/zref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zref>
- Oberdiek, Heiko, Oberdiek Package Support Group, and Sebastian Rahtz. *The nameref package. Make reference to section names, etc.* 2023-10-22. Version 2.54. LICENSE: lppl1.3. Defines a command, that makes reference to an object by its name (e.g., the title of a section or chapter). The package is part of the bundle, and works well with hyperref.  
 URL: <https://ctan.org/pkg/nameref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko, Sebastian Rahtz, Oberdiek Package Support Group, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The hyperref package. Extensive support for hypertext in L<sup>A</sup>T<sub>E</sub>X.* 2023-11-07. Version 7.01e. LICENSE: lppl1.3



- URL: <https://ctan.org/pkg/hyperref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hyperref>
- Oberdiek, Heiko and Bastien Roucariès. *The pax package. Extract and reinsert PDF annotations with pdfTeX*. 2022-06-07. LICENSE: lpl, gpl  
URL: <https://ctan.org/pkg/pax>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pax>
- Obrecht, Christian. *The eukleides package. A geometry drawing system*. 2018-09-15. Version 1.5.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/eukleides>  
MIRROR: <https://mirror.ctan.org/support/eukleides>
- *The mafr package. Mathematics in accord with French usage*. 2016-06-24. Version 1.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/mafr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mafr>
- *The variations package. Typeset tables of variations of functions*. 2016-06-24. Version 0.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/variations>  
MIRROR: <https://mirror.ctan.org/macros/generic/variations>
- Ochoa, Geri. *The beamertheme-cuerna package. A beamer theme with 4 colour palettes*. 2018-01-07. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/beamertheme-cuerna>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamertheme-cuerna>
- Oetiker, Tobias. *The lshort package. A short introduction to L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>*. 2016-06-24. LICENSE: collection. Lshort started as a translation and rationalisation of a ground-breaking German-language introduction to L<sup>A</sup>T<sub>E</sub>X. It has since taken on a momentum of its own, and has itself been translated into a number of languages. Thus we have introductory text available to a wide proportion of the user community. The archive holds versions in , , , , , , , , , , , , , , , and .  
URL: <https://ctan.org/pkg/lshort>  
MIRROR: <https://mirror.ctan.org/info/lshort>
- *The lshort-english package. A (Not So) Short Introduction to L<sup>A</sup>T<sub>E</sub>X 2<sub>ε</sub>*. 2021-03-09. Version 6.4. LICENSE: gpl2  
URL: <https://ctan.org/pkg/lshort-english>  
MIRROR: <https://mirror.ctan.org/info/lshort/english>
- *The timetab package. Typeset timetables*. 2016-06-24. Version 0.1. LICENSE: noinfo. Defines an environment that prints a table, in the way one might when doing the job by hand. (The basic entry is , from German Lektur.)  
URL: <https://ctan.org/pkg/timetab>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/timetab.sty>
- Oetiker, Tobias and Heiko Oberdiek. *The acronym package. Expand acronyms at least once*. 2020-04-11. Version 1.47. LICENSE: lpl1.3  
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URL: <https://ctan.org/pkg/qfig>  
MIRROR: <https://mirror.ctan.org/support/qfig>
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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: lpl1.3. A collection of L<sup>A</sup>T<sub>E</sub>X utilities; the package is distributed as part of the bundle.  
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- *The psizzl package. A T<sub>E</sub>X format for physics papers*. 2016-06-24. Version 0.35. LICENSE: lpl  
URL: <https://ctan.org/pkg/psizzl>  
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- Ogawa, Arthur, Mark Doyle, Phelype Oleinik, and Frank Mittelbach. *The revtex package. Styles for various Physics Journals*. 2023-05-31. Version 4.2f. LICENSE: lpl1.3c  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revtex>
- *The revtex4-0 package. Styles for various Physics Journals (old version)*. 2020-10-02. Version 4.0a. LICENSE: lpl. This is an old version of , and is kept as a courtesy to users having difficulty with the incompatibility of that latest version.  
URL: <https://ctan.org/pkg/revtex4-0>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/revtex4-0>

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 URL: <https://ctan.org/pkg/feynmf>  
 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>
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 URL: <https://ctan.org/pkg/niceframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/niceframe>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/phnompenh>
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 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 ualclasses package. University of Arizona thesis and dissertation format.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/ualclasses>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ualclasses>
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 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>
- Olšák, Petr. *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 CTeX 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 OpBible package. Creating a study Bible with OpTeX.* 2023-10-08. Version 0.31. LICENSE: gpl. This package includes macros which allow to create a study Bible in many language variants. The main Bible text is in separate files while the commentary apparatus can be written in other files. T<sub>E</sub>X is able to join all these data into a single print of a study Bible. Moreover, multiple language variants and translation subvariants are provided.  
 URL: <https://ctan.org/pkg/opbible>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/opbible>
- *The OpTeX package. LuaTeX format based on Plain T<sub>E</sub>X and OPmac.* 2023-05-24. Version 1.12. LICENSE: pd  
 URL: <https://ctan.org/pkg/optex>  
 MIRROR: <https://mirror.ctan.org/macros/optex>
- *The TeX-nutshell package. A short document about T<sub>E</sub>X principles.* 2023-05-25. Version 0.9. LICENSE: pd  
 URL: <https://ctan.org/pkg/tex-nutshell>  
 MIRROR: <https://mirror.ctan.org/info/tex-nutshell>
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 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: lppl1.3. 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 “”.  
 URL: <https://ctan.org/pkg/fcolumn>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fcolumn>
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 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>
- Oostrum, Pieter van. *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>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multirow>
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 URL: <https://ctan.org/pkg/osa>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/osa>
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 LICENSE: lppl1.3. The package is built on top of the great package. It provides a useful definition of the beautiful Google Material Color Palette, available at , for its use in document writing with L<sup>A</sup>T<sub>E</sub>X and Friends.  
 URL: <https://ctan.org/pkg/xcolor-material>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xcolor-material>
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 URL: <https://ctan.org/pkg/chextras>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/chextras>
- *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>
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 URL: <https://ctan.org/pkg/shadow>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/shadow>
- 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  
 URL: <https://ctan.org/pkg/multicolpar>  
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 URL: <https://ctan.org/pkg/psbox>  
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- 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>
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 URL: <https://ctan.org/pkg/semtex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/semtex>
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 LICENSE: lppl1.3c

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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>  
MIRROR: <https://mirror.ctan.org/fonts/eulerpx>
- Oudenhove, Thomas van. *The sort-by-letters package. Bibliography styles for alphabetic sorting*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/sort-by-letters>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/sort-by-letters>
- *The texloganalyser package. Analyse T<sub>E</sub>X logs*. 2020-03-26. Version 0.11. LICENSE: bsd  
URL: <https://ctan.org/pkg/texloganalyser>  
MIRROR: <https://mirror.ctan.org/support/texloganalyser>
- Owens, John. *The otfinst package. Install OpenType fonts for use in T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X systems*. 2018-01-06. Version 1.0.3. LICENSE: bsd. Otfinst takes a list of OpenType font files as input, uses Eddie Kohler’s to install them into a T<sub>E</sub>X/L<sup>A</sup>T<sub>E</sub>X system, and builds and installs the necessary font description and style files. Otfinst was formerly known as offtex\_install and is written in Python. It has similar capabilities to Marc Penninga’s .  
URL: <https://ctan.org/pkg/otfinst>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/otfinst>
- P., Selvam. *The affilauthor package. Tag author and affiliation information in a key-value style*. 2023-11-06. Version 1.0.0. LICENSE: lppl1.3c. This package provides key-value style author and affiliation information tagging in a structured format. Each field has a specific name similar to the bib format. We can customize the styles as per preferences for class layout. Instead of giving all the information (author and affiliation) in a single tag, we can split the information in a format of key-value style.  
URL: <https://ctan.org/pkg/affilauthor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/affilauthor>
- Pacini, Alex. *The cesenaexam package. A class file to typeset exams*. 2017-08-07. Version 0.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/cesenaexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cesenaexam>



- Paciorek, Robert. *The ehline package. Extend the \hhline command*. 2020-04-04. Version 1.1. LICENSE: mit. This package extends the command with a token, which allows to create lines with arbitrary L<sup>A</sup>T<sub>E</sub>X commands.  
 URL: <https://ctan.org/pkg/ehline>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ehline>
- *The labels4easylist package. Add reference labels to easylist items*. 2019-05-16. Version 1.0. LICENSE: mit. This package provides the macro for adding configurable reference labels to items.  
 URL: <https://ctan.org/pkg/labels4easylist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/labels4easylist>
  - *The pdfarticle package. Class for pdf publications*. 2019-05-15. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/pdfarticle>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pdfarticle>
  - *The tikzpackages package. Display network packets*. 2020-07-20. Version 1.0. LICENSE: mit  
 URL: <https://ctan.org/pkg/tikzpackages>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpackages>
  - *The vtable package. Vertical alignment of table cells*. 2019-05-16. Version 1.0. LICENSE: mit. The package allows vertical alignment of table cell by providing:  
 URL: <https://ctan.org/pkg/vtable>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vtable>
- Page, Stephen. *The doublespace package. Double space environment*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/doublespace>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/misc/doublespace.sty>
- *The drafthead package. Mark "DRAFT" in page headers*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/drafthead>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/drafthead.sty>
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 URL: <https://ctan.org/pkg/playcards>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/playcards>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/babel-contrib/croatian>
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 URL: <https://ctan.org/pkg/arlatex>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- *The attachfile package. Attach arbitrary files to a PDF document*. 2018-01-06. Version 1.9. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/attachfile>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/attachfile>
  - *The boxedminipage package. Framed minipages of a specified total width (text and frame combined)*. 2020-04-21. Version 1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/boxedminipage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/boxedminipage>
  - *The bundledoc package. Bundle together all the files needed to build a L<sup>A</sup>T<sub>E</sub>X document*. 2022-10-04. Version 3.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bundledoc>  
 MIRROR: <https://mirror.ctan.org/support/bundledoc>
- Pakin, Scott. *The bytefield package. Create illustrations for network protocol specifications*. 2023-09-24. Version 2.8. LICENSE: lppl1.3a  
 URL: <https://ctan.org/pkg/bytefield>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bytefield>
- *The comicsans package. Use Microsoft Comic Sans font*. 2021-09-11. Version 1.0g. LICENSE: lppl  
 URL: <https://ctan.org/pkg/comicsans>  
 MIRROR: <https://mirror.ctan.org/fonts/comicsans>

- *The cooltooltips package*. Associate a pop-up window and tooltip with PDF hyperlinks. 2021-08-09. Version 1.1. LICENSE: lppl. The cooltooltips package enables a document to contain hyperlinks that pop up a brief tooltip when the mouse moves over them and also open a small window containing additional text. cooltooltips provides the mechanism used by the to indicate the question that each hyperlink answers.  
URL: <https://ctan.org/pkg/cooltooltips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cooltooltips>
- *The covfonts package*. Make Apostrophic Laboratories's Covington fonts available to  $\TeX$  and  $\LaTeX$ . 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  $\TeX$  and  $\LaTeX$ .  
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  $\LaTeX$ . dashrule provides a command, `\dashrule`, which is a cross between  $\LaTeX$ '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 `s`) they are fully compatible with every  $\LaTeX$  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  $\LaTeX$ 2e 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.  $\LaTeX$  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  $\LaTeX$  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  $\LaTeX$  document. 2023-09-12. Version 5.12. 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*.  $\LaTeX$  support for use of ITC Leawood font family. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/leawood>  
MIRROR: <https://mirror.ctan.org/fonts/psfonts/leawood>
- *The listliketab package*. Typeset lists as tables. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/listliketab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/listliketab>
- Pakin, Scott. *The mf2pt1 package*. Convert stylized Metafont to PostScript Type 1. 2021-12-04. Version 2.7. LICENSE: lppl1.3c. mf2pt1 is a Perl script that facilitates producing PostScript Type 1 fonts from a Metafont source file. It is not, as the name may imply, an automatic converter of arbitrary Metafont fonts to Type 1 format. mf2pt1 imposes a number of restrictions on the Metafont input. If these restrictions are met, mf2pt1 will produce valid Type 1 output with more accurate control points than can be reverse-engineered by  $\TeX$ trace, `\fontspec`, and other programs which convert bitmaps to outline fonts.  
URL: <https://ctan.org/pkg/mf2pt1>  
MIRROR: <https://mirror.ctan.org/support/mf2pt1>

- *The mftinc package*. Pretty-print Metafont source. 2016-06-24. Version 1.0a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mftinc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mftinc>
  - *The newcommand package*. Generate new L<sup>A</sup>T<sub>E</sub>X command definitions. 2016-06-24. Version 2.0. LICENSE: lppl. Generating any other than the simple -style commands, in L<sup>A</sup>T<sub>E</sub>X, is tedious (in the least). This script allows the specification of commands in a ‘natural’ style; the script then generates macros to define the command.  
URL: <https://ctan.org/pkg/newcommand>  
MIRROR: <https://mirror.ctan.org/support/newcommand>
  - *The perltext package*. Define L<sup>A</sup>T<sub>E</sub>X macros in terms of Perl code. 2019-09-23. Version 2.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/perltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/perltext>
  - *The pkfix-helper package*. Make PostScript files accessible to pkfix. 2020-08-06. Version 1.6. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pkfix-helper>  
MIRROR: <https://mirror.ctan.org/support/pkfix-helper>
  - *The purifyeps package*. Make EPS work with both L<sup>A</sup>T<sub>E</sub>X/dvips and pdfLaTeX. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/purifyeps>  
MIRROR: <https://mirror.ctan.org/support/purifyeps>
  - *The repltext package*. Control how text gets copied from a PDF file. 2020-09-25. Version 1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/repltext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/repltext>
  - *The savetrees package*. Optimise the use of each page of a L<sup>A</sup>T<sub>E</sub>X document. 2016-06-24. Version 2.4. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/savetrees>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/savetrees>
  - *The spverbatim package*. Allow line breaks within \verb and verbatim output. 2016-06-24. Version 1.0. LICENSE: lppl. LaTeX’s macro treats its argument as an unbreakable unit of text. This can lead to poor typesetting, especially when the argument is long. The spverbatim package provides an macro that is analogous to and an environment that is analogous to with the difference being that and allow L<sup>A</sup>T<sub>E</sub>X to break lines at space characters.  
URL: <https://ctan.org/pkg/spverbatim>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spverbatim>
  - *The Comprehensive L<sup>A</sup>T<sub>E</sub>X Symbol List package*. Symbols accessible from L<sup>A</sup>T<sub>E</sub>X. 2021-05-06. Version 14.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/comprehensive>  
MIRROR: <https://mirror.ctan.org/info/symbols/comprehensive>
  - *The threadcol package*. Organize document columns into PDF “article thread”. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/threadcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/threadcol>
  - *The uiucborder package*. Class for UIUC thesis red-bordered forms. 2016-06-24. Version 1.00. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/uiucborder>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uiucborder>
  - *The visualFAQ package*. A Visual L<sup>A</sup>T<sub>E</sub>X FAQ. 2021-08-19. LICENSE: lppl. Having trouble finding the answer to a L<sup>A</sup>T<sub>E</sub>X question? The Visual L<sup>A</sup>T<sub>E</sub>X FAQ is an innovative new search interface that presents over a hundred typeset samples of frequently requested document formatting. Simply click on a hyperlinked piece of text and the Visual L<sup>A</sup>T<sub>E</sub>X FAQ will send your Web browser to the appropriate page in the .  
URL: <https://ctan.org/pkg/visualfaq>  
MIRROR: <https://mirror.ctan.org/info/visualfaq>
  - *The wheretotrim package*. Assist in reducing L<sup>A</sup>T<sub>E</sub>X document page counts. 2016-06-24. Version 1.0. LICENSE: lppl1.3  
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- Pal, Palash Baran. *The bangtex package*. Writing Bangla and Assamese with L<sup>A</sup>T<sub>E</sub>X. 2020-06-07. LICENSE: lppl  
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 MIRROR: <https://mirror.ctan.org/info/lshort/estonian>
- Palmer, Michael. *The mol2chemfig package. Convert chemical structures from MDL molfile format to chemfig source code.* 2023-01-17. Version 1.5. LICENSE: lppl. The package contains , the Lua web client version of mol2chemfig. It is used from the command line but calls the mol2chemfig server for every request, to convert chemical structures from MDL molfile format or SMILES format to T<sub>E</sub>X format for processing using .  
 URL: <https://ctan.org/pkg/mol2chemfig>  
 MIRROR: <https://mirror.ctan.org/graphics/mol2chemfig>
- *The pdfpreview package. Annotate PDF files with margin notes.* 2019-02-22. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pdfpreview>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pdfpreview>
- Palmieri, John H. *The bibweb package. Automatically retrieve bibliography from MathSciNet.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bibweb>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utis/bibweb>
- *The Ultra-TeX package. An emacs T<sub>E</sub>X mode with "lightning completion".* 2016-06-24. LICENSE: gpl. Ultra-TeX is an Emacs mode, a distant relation of , with several enhancements (relative to the version it started from) and with a "lightning completion" mode that doesn't wait for a request for completion (the request is typically expressed by pressing the tab key).  
 URL: <https://ctan.org/pkg/ultratex>  
 MIRROR: <https://mirror.ctan.org/support/ultratex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frege>
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 URL: <https://ctan.org/pkg/lmake>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmake>
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 URL: <https://ctan.org/pkg/meper>  
 MIRROR: <https://mirror.ctan.org/support/meper>
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 URL: <https://ctan.org/pkg/db>  
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- Pandey, Anshuman. *The gurmukhi package. Support for Gurmukhi.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gurmukhi>  
 MIRROR: <https://mirror.ctan.org/language/gurmukhi/pandey>
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 URL: <https://ctan.org/pkg/wnri-latex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/wnri-latex>
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 URL: <https://ctan.org/pkg/bengali-pandey>  
 MIRROR: <https://mirror.ctan.org/language/bengali/pandey>
- Panov, Andrey and Nikola Lečić. *The cm-unicode package. Computer Modern Unicode font family.* 2021-03-10. Version 0.7.0. LICENSE: ofl  
 URL: <https://ctan.org/pkg/cm-unicode>  
 MIRROR: <https://mirror.ctan.org/fonts/cm-unicode>
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 URL: <https://ctan.org/pkg/arsclassica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/arsclassica>
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 URL: <https://ctan.org/pkg/cascade>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cascade>
- *The nicematrix package. Improve the typesetting of mathematical matrices with PGF.* 2023-11-03. Version 6.25a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nicematrix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nicematrix>



- *The piton package*. Typeset Python listings with LPEG. 2023-11-03. Version 2.2b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/piton>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/piton>
- *The witharrows package*. “Aligned” math environments with arrows for comments. 2023-08-24. Version 2.8b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/witharrows>  
 MIRROR: <https://mirror.ctan.org/macros/generic/witharrows>
- Pantke, Micaela. *The futhorc package*. Anglo-Friesic futhorc alphabet font. 2016-06-24. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/futhorc>  
 MIRROR: <https://mirror.ctan.org/fonts/futhorc>
- Papa, Brian and American Meteorological Society. *The ametsoc package*. Official American Meteorological Society L<sup>A</sup>T<sub>E</sub>X Template. 2022-04-06. Version 4.3.2. LICENSE: lppl  
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 URL: <https://ctan.org/pkg/bodegraph>  
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- *The grafcet package*. Draw Grafcet/SFC with TikZ. 2018-01-17. Version 1.3.5. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/grafcet>  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/schemabloc>
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 MIRROR: <https://mirror.ctan.org/support/latex2nemeth>
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 URL: <https://ctan.org/pkg/literaturnaya>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/literat>
- Parashchenko, Oleg. *The cals package*. Multipage tables with wide range of features. 2017-01-20. Version 2.4.2. LICENSE: lppl1.3. The package is a set of macros to typeset multipage tables with repeatable headers and footers, with cells spanned over rows and columns. Decorations are supported: padding, background color, width of separation rules. The code is compatible with and .  
 URL: <https://ctan.org/pkg/cals>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cals>
- *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>
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 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>  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-lds>



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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref-mouth>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/diffcoeff>
- *The numerica package. Numerically evaluate mathematical expressions in L<sup>A</sup>T<sub>E</sub>X form.* 2023-08-22. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica>
- *The numerica-plus package. Iteration and recurrence relations: finding fixed points, zeros and extrema of functions.* 2023-08-22. Version 3.0.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-plus>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-plus>
- *The numerica-tables package. Create multi-column tables of mathematical functions.* 2023-09-06. Version 3.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/numerica-tables>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numerica-tables>
- Parsons, Josh. *The begriiff package. Typeset Begriffschrift.* 2016-06-24. Version 1.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/begriiff>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/begriiff>
- Partl, Hubert. *The portland package. Simple portrait/landscape switching.* 2019-06-21. LICENSE: noinfo  
URL: <https://ctan.org/pkg/portland>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/portland.sty>
- Partl, Hubert and B. Simon. *The sfarticle package. A L<sup>A</sup>T<sub>E</sub>X 2.09 article style with an sf switch.* 2016-06-24. LICENSE: noinfo. The package is a variant of standard that has an option (for sans typesetting) and various of the ‘fixed names’ (such as ‘Contents’) defined in macros (and thus variable).  
URL: <https://ctan.org/pkg/sfarticle>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/sfarticle>
- Pasechnik, Dima and Dan Drake. *The SageTeX package. Embed Sage code and plots into L<sup>A</sup>T<sub>E</sub>X.* 2023-01-11. Version 3.6.1. LICENSE: gpl2+. SageTeX allows you to embed code, the results of computations, plots, and graphics from the into L<sup>A</sup>T<sub>E</sub>X documents. It is similar in spirit to Literate Haskell and lhs2TeX.  
URL: <https://ctan.org/pkg/sagetex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sagetex>
- Pasquet, Stéphane. *The pas-cours package. Macros useful in preparing teaching material.* 2020-07-16. Version 1.9. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-cours>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-cours>
- *The pas-crosswords package. Creating crossword grids, using TikZ.* 2016-06-24. Version 1.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-crosswords>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-crosswords>
- *The pas-cv package. Flexible typesetting of Curricula Vitae.* 2016-06-24. Version 2.01. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-cv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-cv>
- Pasquet, Stéphane. *The pas-tableur package. Create a spreadsheet layout.* 2023-04-16. Version 2.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/pas-tableur>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pas-tableur>
- Patashnik, Oren. *The bibtex package. Process bibliographies (bib files) for L<sup>A</sup>T<sub>E</sub>X or other formats.* 2022-09-15. Version 0.99d. LICENSE: knuth  
URL: <https://ctan.org/pkg/bibtex>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/base>
- Pate, John. *The screenplay package. A class file to typeset screenplays.* 2016-06-24. Version 1.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/screenplay>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/screenplay>

- Patel-Schneider, Peter. *The aai package*. AAI style. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/aai>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/aai>
- *The aai-named package*. BibTeX style for AAI. 2019-10-23. LICENSE: other-free. A BibTeX style derived from the standard master, presumably for use with the package.  
 URL: <https://ctan.org/pkg/aai-named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/aai-named.bst>
  - *The ijcai89 package*. Format papers for IJCAI 1989. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/ijcai89>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/ijcai89>
  - *The named package*. "Named" bibliography style. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/named>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/named>
- Paternault, Louis. *The graph35 package*. Draw keys and screen items of several Casio calculators. 2023-04-04. Version 0.1.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/graph35>  
 MIRROR: <https://mirror.ctan.org/graphics/graph35>
- *The pixelart package*. Draw pixel-art pictures. 2023-02-20. Version 1.0.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pixelart>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelart>
  - *The SpiX package*. Yet another  $\TeX$  compilation tool: simple, human readable, no option, no magic. 2022-11-18. Version 1.3.0. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/spix>  
 MIRROR: <https://mirror.ctan.org/support/spix>
  - *The thalie package*. Typeset drama plays. 2022-12-11. Version 0.13a. LICENSE: lppl1.3. The package provides tools to typeset drama plays. It defines commands to introduce characters' lines, to render stage directions, to divide a play into acts and scenes and to build the automatically.  
 URL: <https://ctan.org/pkg/thalie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thalie>
- Pearlmutter, Barak A. *The bibfile-reformat-pages package*. Puts .bib file page ranges into uniform format. 2016-06-24. LICENSE: gpl. This is a small gawk script to put all the page ranges in a file into a uniform format, either 1234-1256 or upon request 1234-56; null ranges such as 1234-1234 are always scrunched to just 1234. The script squeezes out spaces around the separator; can make all separators one- or two-hyphens upon request. The script is very conservative: it is probably impossible for it actually to mess up a file.  
 URL: <https://ctan.org/pkg/bibfile-reformat-pages>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bibfile-reformat-pages/bibfile-reformat-pages>
- Pearson, George. *The asaetr package*. Transactions of the ASAE. 2016-06-24. Version 1.0a. LICENSE: pd  
 URL: <https://ctan.org/pkg/asaetr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asaetr>
- *The scientificviewer package*. MacKichan software viewer. 2016-06-24. LICENSE: nosource  
 URL: <https://ctan.org/pkg/scientificviewer>  
 MIRROR: <https://mirror.ctan.org/systems/win32/scientificviewer>
- Pease, Emma. *The phonetic package*. Metafont Phonetic fonts, based on Computer Modern. 2020-09-26. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phonetic>  
 MIRROR: <https://mirror.ctan.org/fonts/phonetic>
- Pease, Emma. *The tree-dvips package*. Trees and other linguists' macros. 2016-06-24. Version .91. LICENSE: lppl1  
 URL: <https://ctan.org/pkg/tree-dvips>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/trees/tree-dvips>
- Péault, Olivier. *The mptrees package*. Probability trees with MetaPost. 2023-04-27. Version 23.04. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/mptrees>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/mptrees>
- *The repere package*. MetaPost macros for secondary school mathematics teachers. 2023-05-03. Version 23.05.b. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/repere>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/repere>
- Pecheur, Charles. *The outlines package*. Produce "outline" lists. 2016-06-24. Version 1.1. LICENSE: lppl. Defines an outline environment, which allows outline-style indented lists with freely mixed levels up to four levels deep. It replaces the nested / pairs by different

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

LICENSE: mit

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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/latex/generic/luatexbase>
- Pégourié-Gonnard, Manuel and Christine Römer. *The lualatex-doc-de package. Guide to LuaL<sup>A</sup>T<sub>E</sub>X (German translation)*. 2016-06-24. Version 1.0. LICENSE: fdl. The document is a German translation of the . Coverage supports both new users and package developers. Apart from the introductory material, the document gathers information from several sources, and offers links to others.  
 URL: <https://ctan.org/pkg/lualatex-doc-de>  
 MIRROR: <https://mirror.ctan.org/info/luatex/lualatex-doc-de>
- Peischl, Marei. *The bfh-ci package. Corporate Design for Bern University of Applied Sciences*. 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)*. 2023-09-14. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/fontools>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/fontools>
- *The truetypemetrics package. Metrics for some TrueType font families*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/truetypemetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/truetypemetrics>
- Pepping, Simon. *The ifacmtg package. Elsevier Science preprint style for IFAC meetings*. 2016-06-24. LICENSE: other-nonfree. To prepare a paper for an IFAC meeting, using L<sup>A</sup>T<sub>E</sub>X, the author needs a bibliography style such as .  
 URL: <https://ctan.org/pkg/ifacmtg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifacmtg>
- Peregoudov, Iliya. *The cmcyr-patch package. A set of Type 1 Cyrillic fonts*. 2016-06-24. LICENSE: noinfo. This is a set of fonts, derived from a set within the ; the originals had encoding problems, and the package offers modified (working) versions.  
 URL: <https://ctan.org/pkg/cmcyr-patch>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/cmcyr-encoding-patch>
- Pereira, Gilles. *The CVsty package. Yet another style for easy CV pagination*. 2019-02-03. LICENSE: pd  
 URL: <https://ctan.org/pkg/cvsty>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cvsty>
- Perez-Duarte, Sebastien. *The ecta package. Bibliography style for submission to Econometrica*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ecta>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/economic/ecta.bst>
- Peron, Jacques. *The luaoptions package. Option handling for LuaL<sup>A</sup>T<sub>E</sub>X packages*. 2022-11-02. Version 0.8. LICENSE: mit. This LuaL<sup>A</sup>T<sub>E</sub>X package provides extensive support for handling , on package level and locally. It allows the declaration of sets of options, along



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

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

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

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

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>

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

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

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

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

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

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

Piazzai, Michele. *The beamertheme-arguelles package. Simple, typographic beamer theme.* 2023-10-26. Version 2.3.0. LICENSE: mit. Argüelles is a beamer theme that helps you create beautiful presentations. It aims for simplicity and readability by following best practices of graphic design. The layout is elegant but subtle, so as to keep the audience's attention on your content. This is brought to life by , one of the 53 Fonts of the Decade selected by the Association Typographique Internationale (2011).

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

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

Piazzai, Michele. *The opencolor package. Definitions from the Open Color library.* 2023-03-05. Version 1.0.1. LICENSE: mit. This package provides hexadecimal color definitions of the 130 colors included in the library.

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

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

— *The uvaletter package. Unofficial letterhead template for the University of Amsterdam.* 2023-03-30. Version 1.1.1. LICENSE: mit

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

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



- Pichaureau, Paul. *The exercise package. Typeset exercises, problems, etc. and their answers*. 2016-06-24. Version 1.6. LICENSE: gpl2  
 URL: <https://ctan.org/pkg/exercise>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercise>
- *The mathdesign package. Mathematical fonts to fit with particular text fonts*. 2016-06-24. Version 2.31. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mathdesign>  
 MIRROR: <https://mirror.ctan.org/fonts/mathdesign>
  - *The Winfonts package. Use fonts distributed with Windows XP*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/winfonts>  
 MIRROR: <https://mirror.ctan.org/fonts/winfonts>
- Pieffel, Michael. *The lgrind package. Produce beautiful listings of source code with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 3.67. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/lgrind>  
 MIRROR: <https://mirror.ctan.org/support/lgrind>
- Pieper, Johannes, Johannes Kuhaupt, and André Hilbig. *The schule package. Support for teachers at German schools*. 2023-10-08. Version 0.9.0. LICENSE: lppl1.3. The ‘schule’ bundle was built to provide packages and commands that could be useful for documents in German schools. At the moment its main focus lies on documents for informatics as a school subject. An extension for physics is currently in progress. Extensions for other subjects are welcome. For the time being, the whole package splits up into individual packages for informatics (including syntax diagrams, Nassi–Shneiderman diagrams, sequence diagrams, object diagrams, and class diagrams) as well as classes for written exams (tests, quizzes, teaching observations, information sheets, worksheets, and answer keys).  
 URL: <https://ctan.org/pkg/schule>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/schule>
- *The syntaxdi package. Create “railroad” syntax diagrams*. 2020-10-19. Version 0.8.2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/syntaxdi>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/syntaxdi>
- Pierquet, Cédric. *The circularglyphs package. A circular glyphs alphabet*. 2023-10-07. Version 0.1.1. LICENSE: lppl1.3c,other-free  
 URL: <https://ctan.org/pkg/circularglyphs>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/circularglyphs>
- *The coloredbelts package. Insert colored belts (vectorial format) in documents (to presen skills, for example)*. 2023-11-05. Version 0.1.0. LICENSE: lppl1.3c,cc-by-sa-3  
 URL: <https://ctan.org/pkg/coloredbelts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/coloredbelts>
  - *The couleurs-fr package. French version of colour definitions from xcolor*. 2023-08-21. Version 0.1.2. LICENSE: lppl1.3c. This package provides provides colours with French names, based on (svgnames, dvipsnames) and .  
 URL: <https://ctan.org/pkg/couleurs-fr>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/couleurs-fr>
  - *The CreationBoites package. Macros to create simple tcolorbox with some customizations*. 2023-11-02. Version 0.1.0. LICENSE: lppl1.3c. This package provides provides some macros to create sampleboxes with :  
 URL: <https://ctan.org/pkg/creationboites>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/creationboites>
  - *The customenvs package. Custom environments (MCQ, list with picked items, ...)* 2023-10-27. Version 0.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/customenvs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/customenvs>
  - *The FenetreCas package. Commands for CAS-like windows (Xcas or Geogebra) in TikZ*. 2023-11-05. Version 0.1.4. LICENSE: lppl1.3c. This package provides some commands (in French) to display, with TiZ, windows like Xcas or Geogebra :  
 URL: <https://ctan.org/pkg/fenetrecas>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/fenetrecas>
- Pierquet, Cédric. *The highlightx package. Highlight formulas or paragraphs*. 2023-11-09. Version 0.1.5. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/highlightx>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/highlightx>
- *The ipsum package. Insert multilingual placeholder text*. 2023-11-09. Version 0.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/ipsum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ipsum>
  - *The JeuxCartes package. Macros to insert playing cards*. 2023-09-13. Version 0.2.8. LICENSE: lppl1.3c,lgpl2.1,pd,cc-by-sa-4,pd,mit. This package provides macros to insert playing cards, single, or hand, or random-hand, Poker or French Tarot or Uno, from files.

- URL: <https://ctan.org/pkg/jeuxcartes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jeuxcartes>
- *The logoetalab package. Insert Licence Etalab 2.0 logo.* 2023-08-20. Version 0.1.0. LICENSE: lppl1.3c,cc-by-2  
URL: <https://ctan.org/pkg/logoetalab>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/logoetalab>
  - *The OutilsGeomTikZ package. Some geometric tools, with TikZ.* 2023-10-18. Version 0.1.4. LICENSE: lppl1.3c. This package provides some commands, with French keys, to display geometric tools using , for example a pen, a compass, a rule, a square, a protractor, ...  
URL: <https://ctan.org/pkg/outilsgeometikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/outilsgeometikz>
  - *The panneauxroute package. Commands to display French road signs (vector graphics).* 2023-08-21. Version 0.1.0. LICENSE: lppl1.3c,cc-by-sa-3  
URL: <https://ctan.org/pkg/panneauxroute>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/panneauxroute>
  - *The PapierGurvan package. Commands to work with Guran Paper.* 2023-09-23. Version 0.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/papierguran>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/papierguran>
  - *The PixelArtTikz package. Work with PixelArts, with TikZ.* 2023-10-12. Version 0.1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pixelarttikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pixelarttikz>
  - *The postit package. A L<sup>A</sup>T<sub>E</sub>X package for displaying Post-it notes.* 2023-06-17. Version 0.1.3. LICENSE: lppl1.3c. This package provides some commands and options for creating Post-it-like boxes with :  
URL: <https://ctan.org/pkg/postit>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/postit>
  - *The ProfLycee package. A L<sup>A</sup>T<sub>E</sub>X package for French maths teachers in high school.* 2023-11-05. Version 3.00d. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/proflycee>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/proflycee>
  - *The profsio package. Commands (with TikZ) to work with French “BTS SIO” maths themes.* 2023-09-29. Version 0.1.8. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/profsio>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/profsio>
  - *The quizztex package. Create quizzes like in TV shows.* 2023-11-05. Version 0.1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/quizztex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quizztex>
  - *The ResolSysteme package. Work on linear systems using xint or pyluatex.* 2023-02-26. Version 0.1.5. LICENSE: lppl1.3c. This package provides some commands (in French) to perform calculations on small (2x2 or 3x3 or 4x4) linear systems, with or :  
URL: <https://ctan.org/pkg/resolsysteme>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resolsysteme>
  - *The Scrabble package. Commands for Scrabble boards.* 2023-01-10. Version 0.1.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/scrabble>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/scrabble>
  - *The SympyCalc package. Work with SymPy and PyLuaTeX.* 2023-05-11. Version 0.1.1. LICENSE: lppl1.3c. This package provides some commands (mostly for French users) to perform commands and format the result with some adjustments in formatting:  
URL: <https://ctan.org/pkg/sympycalc>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/sympycalc>
- Pierquet, Cédric. *The TangramTikZ package. Tangram puzzles, with TikZ.* 2023-02-26. Version 0.1.5. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tangramtikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tangramtikz>
- *The tikz2d-fr package. Work with some 2D TikZ commands (French).* 2023-06-17. Version 0.1.1. LICENSE: lppl1.3c. This is a small package to work with some () 2D commands for TiZ:  
URL: <https://ctan.org/pkg/tikz2d-fr>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz2d-fr>
  - *The tikz3d-fr package. Work with some 3D figures.* 2023-07-22. Version 0.1.2. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/tikz3d-fr>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz3d-fr>

- *The tkz-bernoulli package*. Draw Bernoulli trees with TikZ. 2023-11-05. Version 0.1.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tkz-bernoulli>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tkz-bernoulli>
- *The wordle package*. Create wordle grids. 2023-09-04. Version 0.1.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/wordle>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/wordle>
- *The WriteOnGrid package*. Write on grid lines. 2023-08-09. Version 0.1.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/writeongrid>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/writeongrid>
- Pieters, Olivier. *The dynamicnumber package*. Dynamically typeset numbers and values in L<sup>A</sup>T<sub>E</sub>X through “symbolic links”. 2017-04-18. Version 0.1.3. LICENSE: mit  
 URL: <https://ctan.org/pkg/dynamicnumber>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dynamicnumber>
- *The limecv package*. A (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class for curriculum vitæ. 2021-12-01. Version 0.1.12. LICENSE: lppl1.3c. is a (Xe/Lua)L<sup>A</sup>T<sub>E</sub>X document class to write curriculum vitæ. It is designed with the following design rules: simple, elegant and clean. To this end, it offers several environments and macros for convenience.  
 URL: <https://ctan.org/pkg/limecv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/limecv>
- Pietro, Anthony Di. *The uwa-colours package*. The colour palette of The University of Western Australia. 2021-09-14. Version 1.0.0. LICENSE: lppl1.3. This package uses the package to define macros for the colour palette of The University of Western Australia.  
 URL: <https://ctan.org/pkg/uwa-colours>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uwa-colours>
- *The uwa-letterhead package*. The letterhead of the University of Western Australia. 2021-09-28. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-letterhead>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-letterhead>
- *The uwa-pcf package*. A Participant Consent Form (PCF) for a human research protocol at the University of Western Australia. 2021-09-29. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-pcf>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pcf>
- *The uwa-pif package*. A Participant Information Form (PIF) for a human research protocol at the University of Western Australia. 2021-09-29. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/uwa-pif>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/uwa-pif>
- Pietsch, Hannes. *The csvtolatex package*. Link spread sheets to L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 1.3. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/csvtolatex>  
 MIRROR: <https://mirror.ctan.org/support/csvtolatex>
- Piff, Mike. *The piff-ams package*. Early macros for using AMS fonts. 2018-01-06. Version 3.16. LICENSE: other-nonfree. This package was created (in its present form) after the advent of L<sup>A</sup>T<sub>E</sub>X 2e, but before the corresponding macros from the AMS itself had arrived. Those macros are now part of the standard L<sup>A</sup>T<sub>E</sub>X distribution as part of .  
 URL: <https://ctan.org/pkg/piff-ams>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/piff-ams>
- Piff, Mike and David Carlisle. *The piff package*. Macro tools by Mike Piff. 2018-09-13. LICENSE: pd  
 URL: <https://ctan.org/pkg/piff>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff>
- Piff, Mike, Robin Fairbairns, and David Carlisle. *The corrects package*. Macros for marking correction sheets. 2018-09-15. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/corrects>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/corrects>
- Piff, Mike, Robin Fairbairns, and David Carlisle. *The duplicat package*. Make duplicate page numbers distinct. 2018-09-13. LICENSE: pd  
 URL: <https://ctan.org/pkg/duplicat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff/duplicat.sty>
- *The newproof package*. Make commands to define proofs. 2018-09-13. LICENSE: pd  
 URL: <https://ctan.org/pkg/newproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff/newproof.sty>

- *The onepagem package*. If the document has only one page, omit page number. 2018-09-13. Version 1.01a. LICENSE: pd  
URL: <https://ctan.org/pkg/onepagem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff/onepagem.sty>
- *The textmerg package*. Merge text in  $\TeX$  and  $\LaTeX$ . 2018-09-15. Version 2.01. LICENSE: pd  
URL: <https://ctan.org/pkg/textmerg>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/textmerg>
- *The time package*. Defines a macro `\now` to print the current time. 2018-09-13. Version 1.0a. LICENSE: pd  
URL: <https://ctan.org/pkg/time>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/piff/time.sty>
- Piff, Mike and Philip G. Ratcliffe. *The tensor package*. Typeset tensors. 2023-07-18. Version 2.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/tensor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tensor>
- Pighin, Daniele. *The tikz-dependency package*. A library for drawing dependency graphs. 2018-02-07. Version 1.2. LICENSE: lppl,gpl2  
URL: <https://ctan.org/pkg/tikz-dependency>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-dependency>
- Pignalberi, Gianluca. *The CCLicenses package*. Typeset Creative Commons licence logos. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/ccllicenses>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ccllicenses>
- *The combelow package*. Typeset “comma-below” letters, as in Romanian. 2016-06-24. Version 0.99f. LICENSE: lppl1.3. The package defines a command that positions a comma below a letter, as required (for example) in Romanian typesetting. The command is robust, but interferes with hyphenation.  
URL: <https://ctan.org/pkg/combelow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combelow>
- Pilzecker, Markus. *The cm-mf-opt-kern package*. Improve the kerning of CM fonts. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cm-mf-opt-kern>  
MIRROR: [https://mirror.ctan.org/fonts/cm/mf\\_optimized\\_kerning](https://mirror.ctan.org/fonts/cm/mf_optimized_kerning)
- *The mpdinbrief package*. An enhanced version of *dinbrief*. 2016-06-24. Version 1.66. LICENSE: nosell. A minor enhancement of , implementing (as its parent package does) the letter layout rules of DIN (Deutsches Institut für Normung, German standardisation institute).  
URL: <https://ctan.org/pkg/mpdinbrief>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mpdinbrief>
- Pind, Jörgen. *The icelandic package*. Icelandic Fonts. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/icelandic>  
MIRROR: <https://mirror.ctan.org/fonts/icelandic>
- *The ishyph package*. Hyphenation patterns for Icelandic. 2016-11-05. LICENSE: other-free. These patterns are supposedly based on the encoding of the ‘Icelandic Roman’ fonts, so are probably of little use nowadays without some translation process; the is probably a better bet, nowadays.  
URL: <https://ctan.org/pkg/ishyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/ishyph.tex>
- Pind, Jörgen and Marteinn Sverrisson. *The icehyph package*. Icelandic hyphenation patterns. 2016-11-05. LICENSE: lppl. Hyphenation patterns for Icelandic; apparently designed for a modern encoding (by contrast with , whose encoding is not apparently published).  
URL: <https://ctan.org/pkg/icehyph>  
MIRROR: <https://mirror.ctan.org/language/hyphenation/icehyph.tex>
- Pinson, Raphaël. *The babylonianum package*. Typeset Babylonian numerals with XeTeX. 2016-06-24. Version 0.5. LICENSE: lppl1.3. The package typesets Babylonian numerals, using XeTeX or LuaTeX. It makes use of the Santakku Paleo-Babylonian font, which may be downloaded at .  
URL: <https://ctan.org/pkg/babylonianum>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/babylonianum>
- Pinson, Raphaël. *The fancytabs package*. Fancy page border tabs. 2016-06-27. Version 1.9. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fancytabs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancytabs>
- *The fontbook package*. Generate a font book. 2016-06-24. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fontbook>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/fontbook>

- *The impnattygo package. Support typography of l’Imprimerie Nationale Française.* 2019-03-04. Version 1.5. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/impnattygo>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/impnattygo>
- *The moderntimeline package. Timelines for use with moderncv.* 2020-06-11. Version 0.11. LICENSE: lppl1.3. The package provides commands to configure and to draw time line diagrams; such diagrams are designed to fit into documents written using the class.  
URL: <https://ctan.org/pkg/moderntimeline>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/moderntimeline>
- *The nowidow package. Avoid widows.* 2018-01-31. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/nowidow>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nowidow>
- *The scrjrn1 package. Typeset diaries or journals.* 2016-06-24. Version 0.1. LICENSE: lppl1.3. A class, based on , designed for typesetting diaries, journals or devotionals.  
URL: <https://ctan.org/pkg/scrjrn1>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scrjrn1>
- Piotrowski, Michael. *The mapcodes package. Support for multiple character sets and encodings.* 2019-06-21. Version 1.04. LICENSE: other-nonfree. Mapcodes is an early package covering the same ground as the standard L<sup>A</sup>T<sub>E</sub>X . It provides for input in ISO Latin-1 and -2, IBM codepages 850 and 852, and HP, Macintosh and Atari encodings.  
URL: <https://ctan.org/pkg/mapcodes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mapcodes>
- Píška, Karel. *The indic-type1 package. Indic Type 1 fonts converted from public Metafont sources.* 2020-06-07. Version 2.05a. LICENSE: gpl2  
URL: <https://ctan.org/pkg/indic-type1>  
MIRROR: <https://mirror.ctan.org/fonts/ps-type1/indic>
- Pistre, Sven. *The cleveref-usedon package. Adds forward-referencing functionality to the cleveref package.* 2023-04-21. Version 0.4.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/cleveref-usedon>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cleveref-usedon>
- Pitt, François and Jesse Knight. *The ut-thesis package. University of Toronto thesis style.* 2023-02-09. Version 3.1.7. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/ut-thesis>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ut-thesis>
- Pittman, John E. *The cellular package. Cellular table construction.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cellular>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/cellular>
- Pittman, John E. and Neil Bursleson. *The declare package. Declare register names locally.* 2019-09-28. LICENSE: noinfo  
URL: <https://ctan.org/pkg/declare>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/declare.tex>
- Plášil, Roman, Zdeněk Salvét, and Zdeněk Wagner. *The csindex package. Czech/Slovak version of MakeIndex.* 2018-01-06. LICENSE: bsd  
URL: <https://ctan.org/pkg/csindex>  
MIRROR: <https://mirror.ctan.org/macros/cstex/base/csindex-19980713.tar.gz>
- Plestenjak, Bor. *The lshort-slovenian package. Slovenian translation of lshort.* 2023-08-23. Version 4.20. LICENSE: gpl. A Slovenian translation of the .  
URL: <https://ctan.org/pkg/lshort-slovenian>  
MIRROR: <https://mirror.ctan.org/info/lshort/slovenian>
- Pliam, John. *The GraphTeX package. Graphs theory and related diagrams in a T<sub>E</sub>X document.* 2016-06-24. Version 1.0.1beta. LICENSE: gpl. GraphTeX is a Perl library (graphtex.pl) along with a preprocessor (gt) which can be used to generate commands producing graphs and related diagrams inside a T<sub>E</sub>X document. A graph can be ”typeset” by writing a .gt source file which resembles a matrix environment.  
URL: <https://ctan.org/pkg/graphtex>  
MIRROR: <https://mirror.ctan.org/graphics/graphtex>
- Plugge, Michael. *The tinyc21 package. Pretty print C/C++/Java source code using L<sup>A</sup>T<sub>E</sub>X.* 2016-06-24. Version 1.4.0. LICENSE: gpl  
URL: <https://ctan.org/pkg/tinyc21>  
MIRROR: [https://mirror.ctan.org/support/tiny\\_c21](https://mirror.ctan.org/support/tiny_c21)
- Plüss, Tobias. *The latexcolors package. Use color definitions from latexcolor.com.* 2019-01-30. Version 0.1a. LICENSE: lppl1.3. Built on top of the package, the package defines the set of colors shown on for use in documents typeset with L<sup>A</sup>T<sub>E</sub>X & friends.  
URL: <https://ctan.org/pkg/latexcolors>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latexcolors>



- *The tikz-imagelabels package. Put labels on images using TikZ.* 2019-06-27. Version 0.2. LICENSE: lppl1.3. This package allows to add label texts to an existing image with the aid of `\tikzimagelabels`. This may be used to label certain features in an image.  
 URL: <https://ctan.org/pkg/tikz-imagelabels>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-imagelabels>
- Pock, Michael and Paul Isambert. *The silence package. Selective filtering of error messages and warnings.* 2016-06-24. Version 1.5b. LICENSE: lppl  
 URL: <https://ctan.org/pkg/silence>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/silence>
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 URL: <https://ctan.org/pkg/epic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/epic>
- *The lgraph package. A program to generate graphs.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/lgraph>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex209/contrib/lgraph>
- *The tape package. Generate cassette labels from a simple database.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/tape>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/tape>
- Pokrovsky, Sergei. *The u8tex package. Input Unicode characters in T<sub>E</sub>X notation, in emacs.* 2016-06-24. LICENSE: gpl. A file to provide an alternative, T<sub>E</sub>X-style, input method for UTF-8 characters in Otfried Cheong’s `u8tex`.  
 URL: <https://ctan.org/pkg/u8tex>  
 MIRROR: <https://mirror.ctan.org/support/emacs-modes/u8tex.el>
- Poland, Jan. *The FigBib package. Organize figure databases with BibT<sub>E</sub>X.* 2016-06-24. LICENSE: lppl  
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- *The spanish-mx package. Typeset Spanish as in Mexico.* 2020-04-11. Version 1.1a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/spanish-mx>  
 MIRROR: <https://mirror.ctan.org/obsolete/language/spanish/babel-contrib/spanish-mx>
- *The texilikechaps package. Format chapters with a texi-like format.* 2016-06-24. Version 1.0a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/texilikechaps>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/texilikechaps.sty>
- Rivera, Luis and Winston Chang. *The latexcheat-esmx package. A L<sup>A</sup>T<sub>E</sub>X cheat sheet, in Spanish.* 2016-06-24. Version 2.00. LICENSE: lppl. This is a translation to Spanish (Castellano) of Winston Chang's (a reference sheet for writing scientific papers).  
 URL: <https://ctan.org/pkg/latexcheat-esmx>  
 MIRROR: <https://mirror.ctan.org/info/latexcheat/latexcheat-esmx>
- Rizzuto, Dan. *The neuron package. BibTeX style for the journal Neuron.* 2016-06-24. LICENSE: nosell. Generated by use of .  
 URL: <https://ctan.org/pkg/neuron>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/neuron.bst>
- Robbers, Yuri. *The jtbnew package. BibTeX style for Journal of Theoretical Biology.* 2016-06-24. LICENSE: lppl. Developed using ; apparently intended to supersede .  
 URL: <https://ctan.org/pkg/jtbnew>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/jtbnew.bst>
- Robert, Gilles. *The bbm package. "Blackboard-style" cm fonts.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bbm>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/bbm>
- Robertson, Will. *The active-conf package. Class for typesetting ACTIVE conference papers.* 2016-06-24. Version 0.3a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/active-conf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/active-conf>
- *The addlines package. A user-friendly wrapper around \enlargethispage.* 2018-12-05. Version 0.3. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/addlines>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/addlines>
- *The asyfig package. Commands for using Asymptote figures.* 2016-06-24. Version 0.1c. LICENSE: lppl. The package provides a means of reading figures from separate files, rather than within the document, as is standard in the package, which is provided as part of the Asymptote bundle. The way can prove cumbersome in a large document; the present package allows the user to process one picture at a time, in simple test documents, and then to migrate (with no fuss) to their use in the target document.  
 URL: <https://ctan.org/pkg/asyfig>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/asyfig>
- Robertson, Will. *The auto-pst-pdf package. Wrapper for pst-pdf (with some psfrag features).* 2020-10-08. Version 0.7. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/auto-pst-pdf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf>
- *The DTX gallery package. A small collection of minimal DTX examples.* 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dtxgallery>  
 MIRROR: <https://mirror.ctan.org/info/dtxgallery>

- *The environ package*. A new interface for environments in L<sup>A</sup>T<sub>E</sub>X. 2019-09-28. Version 0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/environ>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/environ>
- *The euxunicode package*. Generate Unicode characters from accented glyphs. 2016-10-08. Version 0.1g. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/euxunicode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/euenc>
- *The icsv package*. Class for typesetting articles for the ICSV conference. 2016-06-24. Version 0.2. LICENSE: lppl. This is an ad-hoc class for typesetting articles for the ICSV conference, based on the earlier by the same author.  
URL: <https://ctan.org/pkg/icsv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conferences/icsv>
- *The inversepath package*. Calculate inverse file paths. 2018-01-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/inversepath>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inversepath>
- *The leading package*. Define leading with a length. 2018-01-06. Version 0.3. LICENSE: lppl. The package defines a command , whose argument is a that specifies the nominal distance between consecutive baselines of typeset text. The command replaces the rather more difficult L<sup>A</sup>T<sub>E</sub>X command , where the leading is specified by reference to the font size.  
URL: <https://ctan.org/pkg/leading>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/leading>
- *The minibox package*. A simple type of box for L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 0.2a. LICENSE: lppl  
URL: <https://ctan.org/pkg/minibox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/minibox>
- *The mlist package*. Logical markup for lists. 2016-06-24. Version 0.6a. LICENSE: lppl  
URL: <https://ctan.org/pkg/mlist>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mlist>
- *The pracjourn package*. Typeset articles for PracTeX. 2021-08-26. Version 0.4n. LICENSE: gpl  
URL: <https://ctan.org/pkg/pracjourn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pracjourn>
- *The realscripts package*. Access OpenType subscript and superscript glyphs. 2020-09-26. Version 0.3d. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/realscripts>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/realscripts>
- *The subdepth package*. Unify maths subscript height. 2016-06-24. Version 0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/subdepth>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/subdepth>
- *The trimspaces package*. Trim spaces around an argument or within a macro. 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/trimspaces>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/trimspaces>
- *The vwcol package*. Variable-width multiple text columns. 2018-01-06. Version 0.2. LICENSE: lppl1.3. The package provides a crude environment () for typesetting multicolumn paragraph text of various column widths on a single page.  
URL: <https://ctan.org/pkg/vwcol>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/vwcol>
- *The 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>Ǝ</sub>L<sup>A</sup>T<sub>E</sub>X. Many of those features have now been incorporated into the package and other packages, but the package persists for backwards compatibility. Nowadays, loading will: load the , , and packages; redefine so it works correctly; and define two extra commands: and .  
URL: <https://ctan.org/pkg/xltextra>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xltextra>
- Robertson, Will and Karl Berry. *The XeTeXref package*. Reference documentation of XeTeX. 2023-08-26. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xetexref>  
MIRROR: <https://mirror.ctan.org/info/xetexref>
- Robertson, Will and Kevin Godby. *The hardwrap package*. Hard wrap text to a certain character length. 2018-01-06. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/hardwrap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hardwrap>
- Robertson, Will and Johannes Große. *The ifplat form package*. Conditionals to test which platform is being used. 2017-12-07. Version 0.4a. LICENSE: lppl1.3c

- URL: <https://ctan.org/pkg/ifplatform>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ifplatform>
- Robertson, Will and Khaled Hosny. *The unicode-math package. Unicode mathematics support for XeTeX and LuaTeX*. 2023-08-13. Version 0.8r. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/unicode-math>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unicode-math>
- 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 Xe<sub>L</sub>AT<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>
  - *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>
- Robertson, Will and Peter R. Wilson. *The chngpage package. Change the page layout in the middle of a document*. 2016-06-24. Version 1.2b. LICENSE: lppl1.3. The package provides broadly similar functionality to , with which it is distributed. It is, however, considered obsolete, and should not be used in new documents.  
URL: <https://ctan.org/pkg/chngpage>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/changepage>
- *The combine package. Bundle individual documents into a single document*. 2016-06-24. Version 0.7a. LICENSE: lppl1.3. The combine class lets you bundle individual documents into a single document, such as when preparing a conference proceedings. The auxiliary combinat package puts the titles and authors from commands into the main document’s Table of Contents. The package

- cooperates with the `and` packages.  
 URL: <https://ctan.org/pkg/combine>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combine>
- *The docmfp package.* Document non- $\text{\LaTeX}$  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 `\renewcommand` except it always (re)defines a command. There is also `\makeenvironment` and `\makecommand` for environments.  
 URL: <https://ctan.org/pkg/makecmds>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makecmds>
  - *The midpage package.* Environment for vertical centring. 2016-06-24. Version 1.1a. LICENSE: lppl. The environment will centre text, if immediately preceded and followed by `\midpage`.  
 URL: <https://ctan.org/pkg/midpage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/midpage>
  - *The needspace package.* Insert pagebreak if not enough space. 2016-06-24. Version 1.3d. LICENSE: lppl  
 URL: <https://ctan.org/pkg/needspace>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/needspace>
  - *The newfile package.* User level management of  $\text{\LaTeX}$  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>
- Robertson, Will and Peter R. Wilson. *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  $\text{\LaTeX}$  generated numbers to be printed with roman numerals instead of arabic digits. It requires the package. Users of the fonts may find this package useful.  
 URL: <https://ctan.org/pkg/romannum>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romannum>



- *The stdclsdv package*. Provide sectioning information for package writers. 2016-06-24. Version 1.1a. LICENSE: lppl  
URL: <https://ctan.org/pkg/stdclsdv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/stdclsdv>
  - *The titling package*. Control over the typesetting of the `\maketitle` command. 2016-06-24. Version 2.1d. LICENSE: lppl. The titling package provides control over the typesetting of the command and commands, and makes the , 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>
- Robson, Adrian P. *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.  
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 URL: <https://ctan.org/pkg/biblatex-bookinother>  
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URL: <https://ctan.org/pkg/biblatex-source-division>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-source-division>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ncclatex>
  - *The nccbbb package*. “Poor man’s” blackboard bold. 2018-07-03. Version 1.1. LICENSE: lppl  
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 URL: <https://ctan.org/pkg/ncccomma>  
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 URL: <https://ctan.org/pkg/ncccropbox>  
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 URL: <https://ctan.org/pkg/nccfancyhdr>  
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 URL: <https://ctan.org/pkg/ejpecp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ejpecp>
- Salamon, Adrian. *The tikzcodeblocks package. Helps to draw codeblocks like scratch, NEPO and PXT in TikZ*. 2020-04-06. Version 0.13. LICENSE: lppl1.3c. is a L<sup>A</sup>T<sub>E</sub>X package for typesetting blockwise graphic programming languages like scratch, nepo or pxt.  
 URL: <https://ctan.org/pkg/tikzcodeblocks>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzcodeblocks>
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 URL: <https://ctan.org/pkg/sslides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sslides>
- Salomon, Joel C. *The xpeek package. Define commands that peek ahead in the input stream*. 2021-08-26. Version 0.2. LICENSE: lppl1.3. The package provides tools to help define commands that, like and the L<sup>A</sup>T<sub>E</sub>X command , peek at what follows them in the command stream and choose appropriate behaviour.  
 URL: <https://ctan.org/pkg/xpeek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xpeek>
- Saludes, Jordi. *The knst package. Multiple-guess tests*. 2021-08-26. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/knst>  
 MIRROR: <https://mirror.ctan.org/macros/generic/knst>
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 URL: <https://ctan.org/pkg/tikzorbital>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzorbital>
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 URL: <https://ctan.org/pkg/scyrillic>  
 MIRROR: <https://mirror.ctan.org/fonts/cyrillic/scyrillic>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scale>
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URL: <https://ctan.org/pkg/modular>  
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>
- Santos, Vitor. *The kinematikz package. Design kinematic chains and mechanisms*. 2021-09-11. Version 1.0. LICENSE: lppl1.3,gpl  
URL: <https://ctan.org/pkg/kinematikz>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kinematikz>
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URL: <https://ctan.org/pkg/sinhala>  
MIRROR: <https://mirror.ctan.org/language/sinhala>
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URL: <https://ctan.org/pkg/embedall>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/embedall>
- Sathyam, Ujwal and Scott A. Prahl. *The rtf2latex2e package. Convert Rich Text Format (RTF) files to  $\LaTeX$ 2e*. 2016-06-24. Version 2.0.1. LICENSE: gpl. The package converts Rich Text Format (RTF) files to  $\LaTeX$ 2e, saving any image files it finds. Visual formatting, such as ruler positions, tabs, paragraph indentations, etc., is ignored. Users should expect the  $\LaTeX$  output to need some manual editing; the result is a reproduction of what you see on the WYSIWYG screen.  
URL: <https://ctan.org/pkg/rtf2latex2e>  
MIRROR: <https://mirror.ctan.org/support/rtf2latex2e>
- Satrapa, Pavel. *The latex-pro-pragmatiky package.  $\LaTeX$  for pragmatists*. 2016-06-24. Version 1.1. LICENSE: other-free  
URL: <https://ctan.org/pkg/latex-pro-pragmatiky>  
MIRROR: <https://mirror.ctan.org/info/czech/latex-pro-pragmatiky>
- Saudrais, Eddie. *The esdiff package. Simplify typesetting of derivatives*. 2020-02-11. Version 1.2. LICENSE: lppl1  
URL: <https://ctan.org/pkg/esdiff>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esdiff>
- *The esint package. Extended set of integrals for Computer Modern*. 2019-08-28. Version 1.2d. LICENSE: lppl  
URL: <https://ctan.org/pkg/esint>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esint>
- *The esvect package. Vector arrows*. 2016-06-24. Version 1.3. LICENSE: gpl  
URL: <https://ctan.org/pkg/esvect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/esvect>
- Sauer, Jonathan. *The collect package. Collect text for later re-use*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/collect>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- *The metainfo package. Typeset document outline with metainfo*. 2016-06-24. Version 0.9.1. LICENSE: lppl. The package picks up  $\TeX$  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>
- Sauer, Jonathan. *The optparams package. Macros with multiple optional parameters*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/optparams>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- *The parcolumns package. Multiple column parallel typesetting*. 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/parcolumns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- *The processkv package. Process key-value pairs*. 2016-06-24. Version 1.0.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/processkv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>

- *The sauerj package. A bundle of utilities by Jonathan Sauer.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/sauerj>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- *The zahl2string package. Format numbers as German words.* 2016-06-24. Version 1.2.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/zahl2string>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sauerj>
- Sauter, John and Jeroen Nijhof. *The sauter package. Wide range of design sizes for CM fonts.* 2016-06-24. Version 2.4. LICENSE: gpl  
 URL: <https://ctan.org/pkg/sauter>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/sauter>
- Saxena, Sanjeev. *The 2in1 package. Print two pages on a single page.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/twainone>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/twainone>
- Scannell, Kevin P. *The gahyph package. Hyphenation patterns for the Irish language.* 2018-10-24. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/gahyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/gahyph.tex>
- Scarso, Luigi and Idris Samawi Hamid. *The npp-for-context package. ConTeXt plugin for Notepad++.* 2023-03-20. Version 0.98. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/npp-for-context>  
 MIRROR: <https://mirror.ctan.org/support/npp-for-context>
- Scavino, Marco and Ezio Aimé. *The ecgdraw package. Draws electrocardiograms (ECG).* 2018-01-07. Version 0.1. LICENSE: lppl1.3. This package provides the command which draws electrocardiograms (ECG). The `<code>` represents a series of abbreviations which allow to draw different types of wave.  
 URL: <https://ctan.org/pkg/ecgdraw>  
 MIRROR: <https://mirror.ctan.org/graphics/ecgdraw>
- Schaa, Volker RW. *The jacow package. A class for submissions to the proceedings of conferences on JACoW.org.* 2022-04-17. Version 2.7. LICENSE: 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 col1cell 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>
  - *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>
- Scharrer, Martin. *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  $\TeX$  pictures stand-alone or as part of a document. 2022-10-11. Version 1.3b. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/standalone>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/standalone>
- *The storebox package*. Storing information for reuse. 2022-10-26. Version 1.3a. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/storebox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/storebox>
- *The sty2dtx package*. Create a `.dtx` file from a `.sty` file. 2022-10-26. Version 2.4. LICENSE: gpl3  
URL: <https://ctan.org/pkg/sty2dtx>  
MIRROR: <https://mirror.ctan.org/support/sty2dtx>
- *The svn-multi package*. Subversion keywords in multi-file  $\LaTeX$  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  $\LaTeX$  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  $\TeX$  commands. 2022-10-26. Version 1.9. LICENSE: gpl3  
URL: <https://ctan.org/pkg/texdef>  
MIRROR: <https://mirror.ctan.org/support/texdef>
- *The tikz-timing package*. Easy generation of timing diagrams as TikZ pictures. 2022-10-26. Version 0.7f. LICENSE: lppl. This package provides macros and an environment to generate timing diagrams (digital waveforms) without much effort. The package is used to produce the graphics. The diagrams may be inserted into text (paragraphs, , etc.) and into tikzpictures. A tabular-like environment is provided to produce larger timing diagrams.  
URL: <https://ctan.org/pkg/tikz-timing>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-timing>
- *The tikzpagenodes package*. A single TikZ node for the whole page. 2022-10-26. Version 1.1. LICENSE: lppl. The package provides special PGF/TikZ nodes for the text, marginpar, footer and header area of the current page. They are inspired by the ‘current page’ node defined by itself.  
URL: <https://ctan.org/pkg/tikzpagenodes>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzpagenodes>
- Scharrer, Martin. *The ydoc package*. Macros for documentation of  $\LaTeX$  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.* 2023-09-23. Version 23.9. 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-23.9-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  
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MIRROR: <https://mirror.ctan.org/fonts/DayRoman>
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MIRROR: <https://mirror.ctan.org/fonts/dictsym>
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MIRROR: <https://mirror.ctan.org/fonts/ecc>
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URL: <https://ctan.org/pkg/eulervm>  
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MIRROR: <https://mirror.ctan.org/fonts/astro>
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 MIRROR: <https://mirror.ctan.org/obsolete/fonts/gentium>
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 URL: <https://ctan.org/pkg/combinedgraphics>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/combinedgraphics>
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 URL: <https://ctan.org/pkg/fullminipage>  
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 URL: <https://ctan.org/pkg/counttexruns>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/histogr>
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URL: <https://ctan.org/pkg/readarray>  
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URL: <https://ctan.org/pkg/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/tokcycle>  
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URL: <https://ctan.org/pkg/verbatimbox>  
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URL: <https://ctan.org/pkg/typedref>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/typedref>
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MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/inlinebib>
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URL: <https://ctan.org/pkg/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>  
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URL: <https://ctan.org/pkg/beamerappendixnote>  
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>
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MIRROR: <https://mirror.ctan.org/dviware/dvisirule>
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URL: <https://ctan.org/pkg/familytree>  
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URL: <https://ctan.org/pkg/dvibit>  
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URL: <https://ctan.org/pkg/compact-symbols>  
MIRROR: <https://mirror.ctan.org/info/symbols/compact>
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URL: <https://ctan.org/pkg/colorwav>  
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URL: <https://ctan.org/pkg/cool>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cool>
  - *The coollist package*. Manipulate COntent 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>
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URL: <https://ctan.org/pkg/dyntree>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dyntree>
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MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/biihead.sty>
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URL: <https://ctan.org/pkg/alpha-persian>  
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URL: <https://ctan.org/pkg/algolrevived>  
MIRROR: <https://mirror.ctan.org/fonts/algolrevived>
  - *The baskervaldx package*. Extension and modification of BaskervaldADF with L<sup>A</sup>T<sub>E</sub>X support. 2020-12-06. Version 1.076. LICENSE: gpl2+,lppl1.3. Extends and modifies the font (a Baskerville substitute) with more accented glyphs, with small caps and oldstyle figures in all shapes. Includes OpenType and PostScript fonts, as well as L<sup>A</sup>T<sub>E</sub>X support files.  
URL: <https://ctan.org/pkg/baskervaldx>  
MIRROR: <https://mirror.ctan.org/fonts/baskervaldx>
  - *The baskervillef 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>
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URL: <https://ctan.org/pkg/dsserif>  
MIRROR: <https://mirror.ctan.org/fonts/dsserif>
- *The dutchcal package. A reworking of ESSTIX13, adding a bold version.* 2019-05-21. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/dutchcal>  
MIRROR: <https://mirror.ctan.org/fonts/dutchcal>
- *The erewhon package. Font package derived from Heuristica and Utopia.* 2022-05-16. Version 1.12. LICENSE: ofl,lppl1.3. Erewhon is based on the package, which is based in turn on . Erewhon adds a number of new features — small caps in all styles rather than just regular, added figure styles (proportional, inferior, numerator, denominator) and superior letters. The size is 6% smaller than Heuristica, matching that of UtopiaStd.  
URL: <https://ctan.org/pkg/erewhon>  
MIRROR: <https://mirror.ctan.org/fonts/erewhon>
- *The esstix package. PostScript versions of the ESSTIX, with macro support.* 2016-06-24. Version 1.0. LICENSE: ofl  
URL: <https://ctan.org/pkg/esstix>  
MIRROR: <https://mirror.ctan.org/fonts/esstix>
- *The ETbb package. An expansion of Edward Tufte’s ET-Bembo family.* 2022-02-04. Version 1.056. LICENSE: mit,lppl1.3  
URL: <https://ctan.org/pkg/etbb>  
MIRROR: <https://mirror.ctan.org/fonts/etbb>
- *The fbb package. A free Bembo-like font.* 2020-07-02. Version 1.16. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/fbb>  
MIRROR: <https://mirror.ctan.org/fonts/fbb>
- Sharpe, Michael. *The garamondx package. ‘Expert’-like extensions to URW Garamond, and maths italic.* 2021-09-11. Version 1.21. LICENSE: nosell  
URL: <https://ctan.org/pkg/garamondx>  
MIRROR: <https://mirror.ctan.org/fonts/garamondx>
- *The heuristica package. Fonts extending Utopia, with L<sup>A</sup>T<sub>E</sub>X support files.* 2019-06-11. Version 1.092. LICENSE: ofl  
URL: <https://ctan.org/pkg/heuristica>  
MIRROR: <https://mirror.ctan.org/fonts/heuristica>
- *The libertinec package. Libertine add-on to support Greek and Cyrillic.* 2017-06-16. Version 1.01. LICENSE: lppl1.3. The package provides L<sup>A</sup>T<sub>E</sub>X support files to access the Greek and Cyrillic glyphs in LinuxLibertine. It functions as an add-on to the package, using filenames and macro names that are compatible with that package. Supported encodings: LGR, T2A, T2B, T2C, OT2.  
URL: <https://ctan.org/pkg/libertinec>  
MIRROR: <https://mirror.ctan.org/fonts/libertinec>
- *The LibertinusT1Math package. A Type 1 font and L<sup>A</sup>T<sub>E</sub>X support for Libertinus Math.* 2022-01-26. Version 2.0.2. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/libertinust1math>  
MIRROR: <https://mirror.ctan.org/fonts/libertinust1math>

- *The mathalpha package. General package for loading maths alphabets in L<sup>A</sup>T<sub>E</sub>X.* 2021-11-18. Version 1.143. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/mathalpha>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mathalpha>
- *The minion2newtx package. Enable use of Minion Pro with newtx.* 2020-05-03. Version 2.0. LICENSE: lppl1.3. The package is an add-on to the newtxmath package, providing metric files that allow use of the Roman and Greek letters from MinionPro Version 2 within using the ‘minion’ option.  
URL: <https://ctan.org/pkg/minion2newtx>  
MIRROR: <https://mirror.ctan.org/fonts/minion2newtx>
- *The montserrat package. Montserrat sans serif, otf and pfb, with L<sup>A</sup>T<sub>E</sub>X support files.* 2019-11-08. Version 1.03. LICENSE: ofl,lppl1.3  
URL: <https://ctan.org/pkg/montserrat>  
MIRROR: <https://mirror.ctan.org/fonts/montserrat>
- *The newpx package. Alternative uses of the PX fonts, with improved metrics.* 2023-10-27. Version 1.532. 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.* 2023-11-08. Version 1.733. 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.* 2023-08-22. Version 1.03. LICENSE: ofl,lppl1.3. Math support via for Google’s . (Regular and Bold weights only.)  
URL: <https://ctan.org/pkg/notomath>  
MIRROR: <https://mirror.ctan.org/fonts/notomath>
- *The pst-bspline package. Draw cubic Bspline curves and interpolations.* 2016-06-24. Version 1.62. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-bspline>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-bspline>
- *The pst-layout package. Page layout macros based on PSTricks packages.* 2018-09-15. Version .95. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-layout>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-layout>
- *The pstdoc package. A tool for PSTricks documentation.* 2018-09-15. LICENSE: lppl  
URL: <https://ctan.org/pkg/pstdoc>  
MIRROR: <https://mirror.ctan.org/info/pstdoc>
- 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 .  
URL: <https://ctan.org/pkg/ptmsc>  
MIRROR: <https://mirror.ctan.org/fonts/ptmsc>
- *The ptxalfa package. Virtual maths alphabets based on pxfonts and txfonts.* 2021-10-22. Version 2. LICENSE: lppl. The package provides virtual math alphabets based on and , with L<sup>A</sup>T<sub>E</sub>X support files and adjusted metrics. The package offers support for this collection.  
URL: <https://ctan.org/pkg/ptxalfa>  
MIRROR: <https://mirror.ctan.org/fonts/ptxalfa>
- *The rsfso package. A mathematical calligraphic font based on rsfs.* 2021-10-22. Version 1.03. LICENSE: lppl. The package provides virtual fonts and L<sup>A</sup>T<sub>E</sub>X support files for mathematical calligraphic fonts based on the (which must also be present for successful installation, with the slant substantially reduced. The output is quite similar to that from the Adobe Mathematical Pi script font.  
URL: <https://ctan.org/pkg/rsfso>  
MIRROR: <https://mirror.ctan.org/fonts/rsfso>



- *The scanpages package*. Support importing and embellishing scanned documents. 2016-12-02. Version 1.05a. LICENSE: lpl1.3  
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: lpl  
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,lpl1.3. 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: lpl  
URL: <https://ctan.org/pkg/superiors>  
MIRROR: <https://mirror.ctan.org/fonts/superiors>
  - *The tempora package*. Greek and Cyrillic to accompany Times. 2016-06-24. Version 1.05. LICENSE: gpl2  
URL: <https://ctan.org/pkg/tempora>  
MIRROR: <https://mirror.ctan.org/fonts/tempora>
  - *The TXUpCal package*. Upright calligraphic font based on TX calligraphic. 2017-03-09. Version 1.00. LICENSE: gpl3. This small package provides a means of loading as an uprighted version of the calligraphic fonts from the TX font package. A scaled option to provided to allow arbitrary scaling.  
URL: <https://ctan.org/pkg/txuprcal>  
MIRROR: <https://mirror.ctan.org/fonts/txuprcal>
  - *The urwchancal package*. Use URW's clone of Zapf Chancery as a maths alphabet. 2016-06-24. Version 1. LICENSE: lpl  
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,lpl1.3  
URL: <https://ctan.org/pkg/xcharter>  
MIRROR: <https://mirror.ctan.org/fonts/xcharter>
  - *The zlmtt package*. Use Latin Modern Typewriter fonts. 2022-08-08. Version 1.032. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/zlmtt>  
MIRROR: <https://mirror.ctan.org/fonts/zlmtt>
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URL: <https://ctan.org/pkg/arrayjob>  
MIRROR: <https://mirror.ctan.org/macros/generic/arrayjob>
- *The arrayjobx package*. Array data structures for (La)T<sub>E</sub>X. 2016-06-24. Version 1.04. LICENSE: lpl  
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: lpl  
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- *The starfont package. The StarFont Sans astrological font*. 2016-06-24. Version 1.2. LICENSE: pd  
 URL: <https://ctan.org/pkg/starfont>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/starfont>
- Skala, Wolfgang. *The cpssp package. Draw protein secondary structures*. 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cpssp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cpssp>

- *The pgfgantt package. Draw Gantt charts with TikZ.* 2018-01-10. Version 5.0. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgfgantt>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgfgantt>
- *The pgfmlbio package. Draw graphs typically found in molecular biology texts.* 2016-06-24. Version 0.21. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pgfmlbio>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/pgfmlbio>
- Skinner, Eric. *The split package. Box two chunks of text side-by side.* 2016-06-24. LICENSE: noinfo  
 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>
- Slavič, Janko. *The AddTeX2Eps package. Use L<sup>A</sup>T<sub>E</sub>X syntax on EPS figures, within Mathematica.* 2016-06-24. Version 1.15. LICENSE: lppl.  
 This Mathematica script permits the user to write commands at the same place as the fragments for replacement are defined.  
 URL: <https://ctan.org/pkg/addtex2eps>  
 MIRROR: <https://mirror.ctan.org/graphics/AddTeX2Eps>
- Slyusarev, Sergey. *The byrne package. This package provides a set of tools to typeset geometric proofs in the style of Oliver Byrne's 1847 ed. of Euclid's "Elements".* 2022-02-09. Version 0.2.2. LICENSE: gpl3+  
 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.  
 URL: <https://ctan.org/pkg/transfig>  
 MIRROR: <https://mirror.ctan.org/graphics/transfig>
- Smith, Brian. *The xfig package. XWindows vector drawing program.* 2017-04-18. Version 3.2.4. LICENSE: bsd  
 URL: <https://ctan.org/pkg/xfig>  
 MIRROR: <https://mirror.ctan.org/graphics/xfig>
- Smith, Cameron. *The genindex package. Alternative index series.* 2016-06-24. Version 1.0. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/genindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/genindex>
- *The pageframe package. Page frames, grids, etc., for L<sup>A</sup>T<sub>E</sub>X 2.09.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/pageframe>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/pageframe>
- *The wrtfile package. Write T<sub>E</sub>X files from a T<sub>E</sub>X document.* 2016-06-24. LICENSE: other-free. Wrtfile is a means of creating self-extracting distributions in T<sub>E</sub>X files; it is similar in conception to the L<sup>A</sup>T<sub>E</sub>X mechanism, but is somewhat more efficient. Wrtfile is (of course) distributed using its own mechanisms.

- URL: <https://ctan.org/pkg/wrtfile>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/wrtfile>
- 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>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/make-env>
  - *The zip package. Barcodes for USA ZIP code*. 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/zip>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/zip.tex>
- Smith, John. *The accfonts package. Utilities to derive new fonts from existing ones*. 2018-01-06. Version 0.25. LICENSE: gpl. The accfonts package contains three utilities to permit easy manipulation of fonts, in particular the creation of unusual accented characters. Mkt1font works on Adobe Type 1 fonts, vpl2vpl works on T<sub>E</sub>X virtual fonts and vpl2ovp transforms a T<sub>E</sub>X font to an Omega one. All three programs read in a font (either the font itself or a property list), together with a simple definition file containing lines such as “; they then write out a new version of the font with the requested new characters in the numerical slots specified. Great care is taken over the positioning of accents, and over the provision of kerning information for new characters; mkt1font also generates suitable “hints” to enhance quality at small sizes or poor resolutions. The programs are written in Perl.  
URL: <https://ctan.org/pkg/accfonts>  
MIRROR: <https://mirror.ctan.org/fonts/utilities/accfonts>
- *The induni-om package. Omega fonts for characters used in study of Sanskrit*. 2020-06-07. LICENSE: gpl. The files are a comprehensive set of virtual fonts for the Latin glyphs used in the study of Sanskrit and similar languages. The virtual fonts are built for use with , and use the as base fonts.  
URL: <https://ctan.org/pkg/induni-om>  
MIRROR: <https://mirror.ctan.org/fonts/induni-om>
- Smith, Nathaniel J. *The apa6e package. Format manuscripts to APA 6th edition guidelines*. 2016-06-24. Version 0.3. LICENSE: bsd. This is a minimalist class file for formatting manuscripts in the style described in the American Psychological Association (APA) 6th edition guidelines. The class provides better coverage of the requirements.  
URL: <https://ctan.org/pkg/apa6e>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/apa6e>
- Smith, Ralph and Taco Hoekwater. *The rsfs package. Ralph Smith’s Formal Script font*. 2016-06-24. LICENSE: other-free  
URL: <https://ctan.org/pkg/rsfs>  
MIRROR: <https://mirror.ctan.org/fonts/rsfs>
- Smith, Steven T. *The arrow package. Eplain macros for commutative diagrams*. 2018-01-06. Version 1.0. LICENSE: gpl. While this package is distributed as part of , it takes special precautions in support of its aim of working within L<sup>A</sup>T<sub>E</sub>X documents.  
URL: <https://ctan.org/pkg/arrow>  
MIRROR: <https://mirror.ctan.org/macros/eplain/tex/arrow.tex>
- 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.  
URL: <https://ctan.org/pkg/doi>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/doi>
- Snick, Romeo Van. *The mattex package. Import Matlab values to L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. Version 0.1. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/mattex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mattex>
- Snippe, Max J.W. *The robotarm package. TikZ powered L<sup>A</sup>T<sub>E</sub>X package to draw parameterized 2D robot arms*. 2022-04-08. Version 0.1. LICENSE: lppl1.3. This L<sup>A</sup>T<sub>E</sub>X package uses to draw parameterized 2D robot arms, for example to be used in educational material.  
URL: <https://ctan.org/pkg/robotarm>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/robotarm>
- Södergran, Salome. *The koma-moderncvclassic package. Makes the style and command of moderncv (style classic) available for koma-classes and thus compatible with BibLaTeX*. 2016-06-24. Version 0.5. LICENSE: lppl1.3. This package provides an imitation of the

- class with the classic style (by Xavier Danaux), to be used in conjunction with the . Thus it is possible to configure pagelayout, headings etc. the way it is done in koma-classes. Moreover, it is possible to use BibLaTeX, while the original moderncv-class is incompatible with BibLaTeX.
- URL: <https://ctan.org/pkg/koma-moderncvclassic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koma-moderncvclassic>
- *The komacv package. Typesetting a beautiful CV with various style options.* 2021-02-12. Version 1.1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/komacv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/komacv>
  - Sodtalters, Axel. *The juramisc package. Typesetting German juridical documents.* 2018-01-06. Version 0.91. LICENSE: lppl. A collection of classes for typesetting court sentences, legal opinions, books and dissertations for German lawyers. A class is also provided, which may not yet be complete.  
URL: <https://ctan.org/pkg/juramisc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/juramisc>
  - Söhner, Jörg. *The kalender package. Create a calendar, in German.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/kalender>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kalender>
  - Söll, Thomas. *The pst-perspective package. Draw perspective views using PSTricks.* 2016-06-24. Version 1.05. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-perspective>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-perspective>
  - *The pst-pulley package. Plot pulleys, using PSTricks.* 2022-04-06. Version 0.02. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pst-pulley>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-pulley>
  - Söll, Thomas and Martin J. Osborne. *The pst-rputover package. Place text over objects without obscuring background colors.* 2017-07-01. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pst-rputover>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-rputover>
  - Söll, Thomas and Herbert Voß. *The pst-geometrictools package. A PSTricks package to draw geometric tools.* 2021-12-28. Version 1.3. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/pst-geometrictools>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-geometrictools>
  - *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.  
URL: <https://ctan.org/pkg/pst-vehicle>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-vehicle>
  - Solomykov, Basil. *The obnov package. Obyknovennaya Novaya fonts.* 2016-06-24. Version 0.11. LICENSE: lppl  
URL: <https://ctan.org/pkg/obnov>  
MIRROR: <https://mirror.ctan.org/fonts/obnov>
  - Somefun, Oluwasegun. *The kblocks package. Easily typeset Control Block Diagrams and Signal Flow Graphs.* 2021-02-04. Version 2.0. LICENSE: mit  
URL: <https://ctan.org/pkg/kblocks>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/kblocks>
  - Sommer, Jörg. *The jlm package. 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.* 2016-06-24. Version 188. LICENSE: gpl  
URL: <https://ctan.org/pkg/jlm>  
MIRROR: <https://mirror.ctan.org/support/jed/jlm>
  - *The templates-sommer package. Templates for T<sub>E</sub>X usage.* 2016-06-24. LICENSE: lppl. A set of templates for using L<sup>A</sup>T<sub>E</sub>X packages that the author uses, comprising: – Hausarbeit.tex: for students of the Lehrstuhl Volkskunde an der Friedrich-Schiller-Universität Jena; – Psycho-Dipl.tex: for diploma theses in psychology.  
URL: <https://ctan.org/pkg/templates-sommer>  
MIRROR: <https://mirror.ctan.org/info/templates/sommer>
  - Sommerfeldt, Axel. *The bicaption package. Support for bilingual captions.* 2023-10-01. Version 1.6. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bicaption>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
  - *The caption package. Customising captions in floating environments.* 2023-10-01. LICENSE: lppl1.3  
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.* 2023-10-01. Version 1.2. 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 sidewaystable) which are rotated by 90 or 270 degrees. But what about new rotated floats, e.g. a rotated ruled one? This package makes this possible; it builds a bridge between the two packages and extends the commands from the float package to define rotated versions of the new floats, too.  
 URL: <https://ctan.org/pkg/rotfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rotfloat>
- *The rplain package. Redefines the plain pagestyle.* 2019-06-21. Version 1.0b. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X pagestyle so the page numbers appear on the lower corners. The package was superseded by the package and is no longer supported.  
 URL: <https://ctan.org/pkg/rplain>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/rplain>
- *The subcaption package. Support for sub-captions.* 2023-10-01. Version 1.6. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/subcaption>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/caption>
- *The totalcount package. Commands for typesetting total values of counters.* 2023-05-17. Version 1.0a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/totalcount>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/totalcount>
- *The umlaute package. German input encodings in L<sup>A</sup>T<sub>E</sub>X.* 2018-01-06. Version 2.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/umlaute>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/umlaute>
- Sousa, Philippe De. *The ticollege package. Graphical representation of keys on a standard scientific calculator.* 2016-06-24. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ticollege>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/ticollege>
- *The tipfr package. Produces calculator's keys with the help of TikZ.* 2016-06-24. Version 1.5. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tipfr>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tipfr>
- Souza Bastos, Fernando de. *The figchild package. Pictures for creating children's activities.* 2022-03-23. Version 2.1.1. LICENSE: lppl1.3c. This package was created with the aim of facilitating the work of Elementary School teachers who need to create colorful and attractive activities for their students. It is a product of the Computational Mathematics discipline offered at the Federal University of Viçosa — Campus UFV — Florestal by professor Fernando de Souza Bastos. It makes use of the `pgf` and `tkz-euclide` packages.  
 URL: <https://ctan.org/pkg/figchild>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/figchild>
- Sowa, Friedhelm and Stefan Blochwitz. *The picinpar package. Insert pictures into paragraphs.* 2022-11-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/picinpar>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/picinpar>
- Sowa, Friedhelm and Dave Gillespie. *The bm2font package. Convert bitmaps to PK fonts.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bm2font>  
 MIRROR: <https://mirror.ctan.org/graphics/bm2font>
- Sozuer, Sami. *The noprot package. Avoid the need for protection.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/noprot>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/noprot.sty>
- Spalek, Robert. *The mf2tex package. Add labels into drawings created with Metafont.* 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mf2tex>  
 MIRROR: <https://mirror.ctan.org/graphics/mf2tex>



- Sparapani, Rodney. *The statex package. Statistics style*. 2016-06-24. Version 1.6. LICENSE: lppl. A package defining many macros for items of significance in statistical presentations. An updated, but incompatible, version of the package is available: .  
 URL: <https://ctan.org/pkg/statex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex>
- *The statex2 package. Statistics style*. 2016-06-24. Version 2.1. LICENSE: lppl. The package defines many macros for items of significance in statistical presentations. It represents a syntax-incompatible upgrade of .  
 URL: <https://ctan.org/pkg/statex2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/statex2>
- Spencer, Stephen N. and Young Ryu. *The newapa package. Another APA citation mechanism*. 2019-12-27. Version 2.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/newapa>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/newapa>
- Spiegel, Simon. *The biblatex-fiwi package. BibL<sup>A</sup>T<sub>E</sub>X styles for use in German humanities*. 2017-11-21. Version 1.7. LICENSE: lppl1.3. The package provides a collection of styles for (version 3.5 is required, currently). It was designed for citations in German Humanities, especially film studies, and offers some features that are not provided by the standard BibL<sup>A</sup>T<sub>E</sub>X styles. The style is highly optimized for documents written in German, and the main documentation is only available in German.  
 URL: <https://ctan.org/pkg/biblatex-fiwi>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-fiwi>
- Spina, Sergio. *The plipsum package. 'Lorem ipsum' for Plain T<sub>E</sub>X developers*. 2016-06-24. Version 4.3. LICENSE: lppl. The package provides a paragraph generator designed for use in Plain T<sub>E</sub>X documents. The paragraphs generated contain many 'f-groups' (, etc.) so the text can act as a test of the ligatures of the font in use.  
 URL: <https://ctan.org/pkg/plipsum>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/plipsum>
- Spinellis, Diomidis and David Hull. *The bib2xhtml package. Convert BibT<sub>E</sub>X Files into XHTML*. 2016-06-24. Version 2.35. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bib2xhtml>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bib2xhtml>
- Spit, Werenfried. *The cursor package. Draw a cursor in an equation*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cursor>  
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- Spittank, Daniel. *The utfsym package. Provides various Unicode symbols*. 2022-04-19. Version 0.9.0. LICENSE: cc0  
 URL: <https://ctan.org/pkg/utfsym>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/utfsym>
- Spitzmüller, Jürgen. *The biblatex-publist package. BibL<sup>A</sup>T<sub>E</sub>X bibliography support for publication lists*. 2023-10-07. Version 2.7. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/biblatex-publist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-publist>
- *The jslectureplanner package. Creation and management of university course material*. 2020-12-08. Version 1.12. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/jslectureplanner>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jslectureplanner>
  - *The univie-ling package. Papers, theses and research proposals in (Applied) Linguistics at Vienna University*. 2023-03-31. Version 2.4. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/univie-ling>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/univie-ling>
- Spitzmüller, Jürgen, Michael Covington, and Robin Fairbairns. *The covington package. L<sup>A</sup>T<sub>E</sub>X macros for Linguistics*. 2023-06-25. Version 2.12. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/covington>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/covington>
- Spivak, Michael. *The LamsT<sub>E</sub>X package. A merge of the best in AMS-T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X*. 2018-01-06. Version 2.01. LICENSE: pd  
 URL: <https://ctan.org/pkg/lamstex>  
 MIRROR: <https://mirror.ctan.org/macros/lamstex>
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 URL: <https://ctan.org/pkg/lamstex-index>  
 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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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ducksay>
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 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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 URL: <https://ctan.org/pkg/expkv-bundle>  
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 URL: <https://ctan.org/pkg/expkv-cs>  
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 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.  
 URL: <https://ctan.org/pkg/grabbox>  
 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*. 2023-08-17. Version 1.5. 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/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*. 2023-09-01. Version 1.12. LICENSE: lppl1.3c  
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>  
MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/rulercompass>
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URL: <https://ctan.org/pkg/spath3>  
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MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tilings>
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URL: <https://ctan.org/pkg/tqft>  
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 URL: <https://ctan.org/pkg/fixbb1>  
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 MIRROR: <https://mirror.ctan.org/fonts/cherokee>
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 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>
  - *The goblin package. Tolkien’s goblin alphabet*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/goblin>  
 MIRROR: <https://mirror.ctan.org/fonts/goblin>
  - *The iching package. A font for I Ching divinations*. 2016-06-24. LICENSE: noinfo. A L<sup>A</sup>T<sub>E</sub>X file is provided to print out divinations, using the font (supplied as Metafont source). The macro in the L<sup>A</sup>T<sub>E</sub>X file is a simplified beast, in which significance is only accorded to one line in the hexagram.  
 URL: <https://ctan.org/pkg/iching>  
 MIRROR: <https://mirror.ctan.org/fonts/iching>
  - *The osmanian package. Osmanian font for writing Somali*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/osmanian>  
 MIRROR: <https://mirror.ctan.org/fonts/osmanian>
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 URL: <https://ctan.org/pkg/shavian>  
 MIRROR: <https://mirror.ctan.org/fonts/shavian>
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 URL: <https://ctan.org/pkg/southarabian>  
 MIRROR: <https://mirror.ctan.org/fonts/southarabian>
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 URL: <https://ctan.org/pkg/bibletext>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibletext>
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 URL: <https://ctan.org/pkg/latexgit>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/latexgit>

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 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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 URL: <https://ctan.org/pkg/floatpag>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sttools>
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 URL: <https://ctan.org/pkg/fastpictex>  
 MIRROR: <https://mirror.ctan.org/support/fastpictex>
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 URL: <https://ctan.org/pkg/ebook>  
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 URL: <https://ctan.org/pkg/cmsrb>  
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 URL: <https://ctan.org/pkg/cmupint>  
 MIRROR: <https://mirror.ctan.org/fonts/cmupint>
- *The srbtiks package. Font STIX2 for Serbian and Macedonian.* 2022-05-26. Version 1.0. LICENSE: ofl,lppl1.3. The package is the extension of the package that enables usage of the STIX2 font in L<sup>A</sup>T<sub>E</sub>X for the Serbian and Macedonian languages (therefore, it is required to have the package installed).  
 URL: <https://ctan.org/pkg/srbtiks>  
 MIRROR: <https://mirror.ctan.org/fonts/srbtiks>
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 URL: <https://ctan.org/pkg/fancyfolien>  
 MIRROR: <https://mirror.ctan.org/info/german/fancyhdr>
- *The ftcap package. Allows \caption at the beginning of a table-environment.* 2016-06-24. Version 1.4. LICENSE: gpl. For several reasons a may be desirable at the top of a environment. This package changes the environment such that and are swapped. The package should also work with a non-standard table environment.  
 URL: <https://ctan.org/pkg/ftcap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftcap>
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 URL: <https://ctan.org/pkg/latex-info>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/latex-info>
- Steffmann, Dieter and Maurizio Loreti. *The initials package. Adobe Type 1 decorative initial fonts.* 2019-07-06. LICENSE: lppl. For each font, at least a and a file is provided, with an file for use with L<sup>A</sup>T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/initials>  
 MIRROR: <https://mirror.ctan.org/fonts/initials>
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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/usenix>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/usenix.sty>
- Steinhauer, Ben. *The isosafety package. Provides ISO signs and colors according to the standards 7010 and 3864.* 2023-11-09. Version 1.1. LICENSE: lpl1.3c. The package provides safety colors (ISO 3864) and safety signs (ISO 7010) from the . It can be useful when creating instructions for chemical or physical experiments.  
URL: <https://ctan.org/pkg/isosafety>  
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URL: <https://ctan.org/pkg/glossaries-norsk>  
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URL: <https://ctan.org/pkg/barddiag>  
MIRROR: <https://mirror.ctan.org/graphics/barddiag>
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URL: <https://ctan.org/pkg/biblio-perl>  
MIRROR: <https://mirror.ctan.org/support/biblio>
- Stephani, Philipp. *The lualatex-math package. Fixes for mathematics-related LuaL<sup>A</sup>T<sub>E</sub>X issues.* 2022-01-01. Version 1.12. LICENSE: lpl1.3c. The package patches a few commands of the L<sup>A</sup>T<sub>E</sub>X2e kernel and the and packages to be more compatible with the LuaTeX engine. It is only meaningful for LuaL<sup>A</sup>T<sub>E</sub>X documents containing mathematical formulas, and does not exhibit any new functionality. The fixes are mostly moved from the package to this package since they are not directly related to Unicode mathematics typesetting.  
URL: <https://ctan.org/pkg/lualatex-math>  
MIRROR: <https://mirror.ctan.org/macros/luatex/latex/lualatex-math>
- *The luaLaTeX-platform package. Load platform-specific code into LuaTeX.* 2016-06-24. Version 0.1. LICENSE: other-free  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/cassette>
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 URL: <https://ctan.org/pkg/jeep>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/jeep>
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 URL: <https://ctan.org/pkg/texed>  
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 URL: <https://ctan.org/pkg/digestif>  
 MIRROR: <https://mirror.ctan.org/support/digestif>
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 URL: <https://ctan.org/pkg/tikz-cd>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-cd>
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 URL: <https://ctan.org/pkg/kix>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/kix>
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 URL: <https://ctan.org/pkg/acroflex>  
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 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>
  - *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>
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 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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URL: <https://ctan.org/pkg/aeb-minitoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/aeb-minitoc>
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URL: <https://ctan.org/pkg/aeb-mlink>  
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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)
- *The aebXMP package. Add advanced metadata to PDF files.* 2021-09-11. LICENSE: lppl1.2,lppl1.2  
URL: <https://ctan.org/pkg/aebxmp>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/aeb\\_pro/aebxmp](https://mirror.ctan.org/macros/latex/contrib/aeb_pro/aebxmp)
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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)
- *The artthreads package. Support for article threads.* 2021-09-11. Version 1.3.1. LICENSE: lppl1  
URL: <https://ctan.org/pkg/artthreads>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/artthreads>
- *The bargraph-js package. Create bar graphs using form fields and JavaScript.* 2021-09-11. Version 0.8. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/bargraph-js>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bargraph-js>
- *The cntdwn package. Support for countdowns, and for clocks in any timezone.* 2021-09-11. Version 0.6. LICENSE: lppl1  
URL: <https://ctan.org/pkg/cntdwn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cntdwn>
- *The conv-xkv package. Create new key-value syntax.* 2017-03-20. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/conv-xkv>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/conv-xkv>
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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>
- *The dps package. Create a “matching” game with a hidden message.* 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/dps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dps>

- *The ecards package*. Electronic flash cards. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/ecards>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ecards>
- *The eforms package*. eForm support for the AcroTeX bundle. 2021-05-12. Version 2.4.3. LICENSE: lppl1  
URL: <https://ctan.org/pkg/eforms>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The endnotes-hy package*. Patches the endnotes package to create hypertext links to the correct anchors. 2020-04-16. LICENSE: lppl1.2. The package supports the creation of hypertext links in support of the package. The package modifies the syntax of the command: When the -option is used, no endnote mark is created, but the endnote itself is written. The command appears at the end of the and its arguments, rather than within the argument of the argument.  
URL: <https://ctan.org/pkg/endnotes-hy>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/endnotes-hy>
- *The eq-fetchbbl package*. Match Biblical passages with verse references in a quiz. 2021-09-11. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eq-fetchbbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-fetchbbl>
- *The eq-pin2corr package*. Add PIN security to the “Correct” button of a quiz created by exerquiz. 2021-06-05. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/eq-pin2corr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-pin2corr>
- *The eq-save package*. Save exerquiz quizzes and resume. 2021-09-11. LICENSE: lppl1.2. The package has a scheme for saving data from documents so the student can return later to continue with quiz results restored.  
URL: <https://ctan.org/pkg/eq-save>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq-save>
- *The eq2db package*. Convert a quiz to one submitted to a server-side script. 2021-09-11. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/eq2db>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eq2db>
- *The eqexam package*. A stand-alone exam package. 2021-09-11. LICENSE: lppl1.2. eqExam is a L<sup>A</sup>T<sub>E</sub>X package for writing exams, tests, quizzes, homework assignments, etc. It is a stand alone package, yet is tightly integrated with the .  
URL: <https://ctan.org/pkg/eqexam>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqexam>
- *The exerquiz package*. Environments for defining exercises and quizzes. 2021-10-13. Version 8.8.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/exerquiz>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The fc-arith package*. Create an arithmetic flash card. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fc-arith>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/fc\\_arith](https://mirror.ctan.org/macros/latex/contrib/fc_arith)
- *The fetchbibpes package*. Creates a DB of Bible verses from e-Sword, then fetches them on command. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/fetchbibpes>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fetchbibpes>
- *The FitR package*. Set a rectangular destination and jump to it. 2021-09-11. Version 1.3.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/fitr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitr>
- *The fldigial package*. Create a Flash slide show of digital photos. 2021-09-11. Version 0.6. LICENSE: lppl1  
URL: <https://ctan.org/pkg/fldigial>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/fldigial>
- Story, Donald P. *The forms16be package*. Initialize form properties using big-endian encoding. 2019-06-03. Version 1.3. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/forms16be>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/forms16be>
- *The graphicxbox package*. Insert a graphical image as a background. 2016-06-24. Version 1.0. LICENSE: lppl. The package defines two new commands and , which are companions to and of the . The command inserts a graphical image as a background rather than a background color, while does the same thing, but also draws a colored frame around the box.  
URL: <https://ctan.org/pkg/graphicxbox>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxbox>
- *The GraphicxSP package*. An extension of the graphicx package. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/graphicxsp>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/graphicxsp>

- *The grayhints package*. Produce ‘gray hints’ to a variable text field. 2018-11-03. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/grayhints>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grayhints>
- *The icon-appr package*. Creates icon appearances for form buttons. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/icon-appr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/icon-appr>
- *The insdljs package*. Insert document-level JavaScript in L<sup>A</sup>T<sub>E</sub>X documents. 2021-06-19. Version 2.5.5. LICENSE: lppl1  
URL: <https://ctan.org/pkg/insdljs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/acrotex>
- *The jj-game package*. A L<sup>A</sup>T<sub>E</sub>X class to construct Jeopardy-like games. 2021-09-11. Version 3.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/jj-game>  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/jj\\_game](https://mirror.ctan.org/macros/latex/contrib/jj_game)
- *The lmacs package*. A simple package for including support files. 2021-09-11. Version 1.1. LICENSE: noinfo  
URL: <https://ctan.org/pkg/lmacs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lmacs>
- *The ltx4yt package*. Play YouTube videos in the default browser. 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/ltx4yt>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ltx4yt>
- *The mi-solns package*. Extract solutions from exercises and quizzes. 2019-01-12. Version 0.6. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/mi-solns>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mi-solns>
- *The mkstmp package*. Provides a simple workflow for creating custom stamps. 2018-06-12. Version 1.1. LICENSE: lppl  
URL: [https://ctan.org/pkg/mkstmp\\_pro](https://ctan.org/pkg/mkstmp_pro)  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mkstmpdad>
- *The opacity-pro package*. Set transparency and blend mode. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/opacity-pro>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/opacity-pro>
- *The pmdb package*. Create a DB (PDF) document for selecting content for inclusion in another documents. 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/pmdb>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pmdb>
- *The popupmenu package*. Create popup menus in PDF files. 2021-09-11. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/popupmenu>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/popupmenu>
- *The qrcstamps package*. Create QR codes using stamps. 2021-09-11. Version 1.0. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/qrcstamps>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/qrcstamps>
- *The ran\_toks package*. Randomise token strings. 2021-06-06. LICENSE: lppl1  
URL: [https://ctan.org/pkg/ran\\_toks](https://ctan.org/pkg/ran_toks)  
MIRROR: [https://mirror.ctan.org/macros/latex/contrib/ran\\_toks](https://mirror.ctan.org/macros/latex/contrib/ran_toks)
- *The rangen package*. Generate random integers, rational and decimal numbers. 2021-09-11. Version 1.4. LICENSE: lppl1.2. The package generates random integers, rational numbers, and decimal numbers. The package uses the package to generate random integers, and then builds rational numbers and decimal numbers from the generated integers.  
URL: <https://ctan.org/pkg/rangen>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rangen>
- Story, Donald P. *The renditions package*. Multiple versions from the same content. 2021-09-11. Version 0.1. LICENSE: lppl. The package sets up ‘comment’ environments, called ; each rendition is thought of as a version of the basic content of the document that includes it.  
URL: <https://ctan.org/pkg/renditions>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/renditions>
- *The richtext package*. Create rich text strings. 2021-09-11. LICENSE: lppl1.2. The richtext package is used to create rich text strings that can, in turn, be inserted into the RV (and V) keys of text field. Currently, only the eforms package supports the RV key.  
URL: <https://ctan.org/pkg/richtext>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/richtext>
- *The rmannot package*. Create rich media annotations in a PDF file. 2021-09-11. LICENSE: lppl  
URL: <https://ctan.org/pkg/rmannot>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rmannot>



- *The Robot Man package. A fun demo of AcroTeX 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)
- *The thorshammer package. Assessment based on AcroTeX quizzes.* 2021-09-11. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/thorshammer>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/thorshammer>
- *The tile-graphic package. Create tiles of a graphical file.* 2020-05-31. LICENSE: lppl1.2. This package breaks a given graphical file into rows and columns of subgraphics, which are called tiles. The tiles can be written separately to individual PDF files, or packaged into a single PDF file.  
URL: <https://ctan.org/pkg/tile-graphic>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tile-graphic>
- *The xbmks package. Create a cross-document bookmark tree.* 2020-01-18. LICENSE: lppl1.2  
URL: <https://ctan.org/pkg/xbmks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xbmks>
- *The yt4pdf package. Play YouTube videos in a PDF.* 2020-07-30. LICENSE: lppl1  
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MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/yt4pdf>
- Straathof, Bas. *The har2nat package. Replace the harvard package with natbib.* 2019-09-28. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/har2nat>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/har2nat>
- Strasser, Georg. *The beamertheme-upenn-bc package. Beamer themes for Boston College and the University of Pennsylvania.* 2017-11-20. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/beamertheme-upenn-bc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/upenn-bc>
- Straub, Pablo A. and Heiko Oberdiek. *The askinclude package. Interactive use of \includeonly.* 2020-04-13. Version 2.7. LICENSE: lppl1.3. The package asks the user which files to put in a command. There is provision for answering “same as last time” or “all files”.  
URL: <https://ctan.org/pkg/askinclude>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/askinclude>
- Straube, Hilmar. *The tktexcad package. Generate L<sup>A</sup>T<sub>E</sub>X picture environments.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/tktexcad>  
MIRROR: <https://mirror.ctan.org/graphics/tktexcad>
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URL: <https://ctan.org/pkg/exercisebank>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/exercisebank>
- *The handin package. Light weight template for creating school submissions using L<sup>A</sup>T<sub>E</sub>X.* 2018-07-22. Version 0.1.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/handin>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/handin>
- *The includerNw package. Include .Rnw inside .tex.* 2018-05-01. Version 0.1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/includerNw>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/includerNw>
- Strauß, Martin. *The tcltexed package. L<sup>A</sup>T<sub>E</sub>X editor written in TCL.* 2016-06-24. LICENSE: gpl  
URL: <https://ctan.org/pkg/tcltexed>  
MIRROR: <https://mirror.ctan.org/support/tcltexed>
- Strip, David. *The cassette package. Typeset cassette box inserts.* 2016-06-24. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/cassette>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cassette.tex>
- Strokov, Igor. *The streetex package. Structural organic chemistry.* 2016-06-24. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/streetex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/streetex>
- Struve, Dirk. *The texshell32 package. A free T<sub>E</sub>XShell for MS-Windows 95 and NT.* 2016-06-24. Version 0.71. LICENSE: gpl  
URL: <https://ctan.org/pkg/texshell32>  
MIRROR: <https://mirror.ctan.org/systems/win32/texshell32>
- Stuart, Louis. *The beamerauxtheme package. Supplementary outer and inner themes for beamer.* 2020-08-10. Version 1.02a. LICENSE: lppl1.3c. This bundle provides a collection of inner and outer themes as supplements to the default themes in the distribution.

These themes can be used in combination with existing inner, outer, and color themes.

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

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

Stubner, Ralf. *The fpl package. SC and OsF fonts for URW Palladio L*. 2019-01-04. Version 1.003. LICENSE: gpl2,lppl

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

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

Stuetz, Markus. *The callouts package. Put simple annotations and notes inside a picture*. 2017-07-27. LICENSE: lppl. The package defines the environment in which callouts, notes, arrows, and the like can be placed to describe certain parts of a picture.

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

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

Stuhrmann, Norbert. *The flacards package. Generate flashcards for printing*. 2016-06-24. Version 0.1.1b. LICENSE: gpl

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

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

— *The stubs package. Create tear-off stubs at the bottom of a page*. 2016-06-24. Version 0.1.1. LICENSE: gpl. The command creates as many repetitions as possible of its argument, at the bottom of the page; these stubs may be used (for example) for contact information.

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

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

Stupp, Gideon. *The ntabbing package. Simple tabbing extension for automatic line numbering*. 2016-06-24. LICENSE: noinfo. An extension of the tabbing environment that supports automatic line numbering. The lines can be referenced using the standard and mechanism.

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

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

Sturm, Thomas F. *The csvsimple package. Simple CSV file processing*. 2023-10-16. Version 2.5.0. LICENSE: lppl1.3

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

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

— *The genealogytree package. Pedigree and genealogical tree diagrams*. 2023-03-09. Version 2.3.0. LICENSE: lppl1.3

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

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

— *The incgraph package. Sophisticated graphics inclusion in a PDF document*. 2021-10-20. Version 1.2.0. LICENSE: lppl1.3

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

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

— *The mercatormap package. Spherical Mercator coordinate systems and Web Mercator tile integration*. 2020-08-06. Version 1.02. LICENSE: lppl1.3

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

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

— *The sanitize-umlaut package. Sanitize umlauts for MakeIndex and pdfLaTeX*. 2023-05-15. Version 1.3.0. LICENSE: lppl1.3

URL: <https://ctan.org/pkg/sanitize-umlaut>

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

— *The tcolorbox package. Coloured boxes, for L<sup>A</sup>T<sub>E</sub>X examples and theorems, etc.* 2023-09-26. Version 6.1.0. LICENSE: lppl1.3

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

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

Sturm, Thomas F. *The tikzfill package. TikZ libraries for filling with images and patterns*. 2023-08-08. Version 1.0.1. LICENSE: lppl1.3. This is a collection of libraries which add further options to fill paths with images and patterns. The libraries comprise fillings with images from files and from pictures. Also, patterns of hexagons and of rhombi are provided.

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

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

Suárez, Fausto Mauricio Lagos. *The maker package. Include Arduino or Processing code in L<sup>A</sup>T<sub>E</sub>X documents*. 2017-07-19. Version 1.0. LICENSE: lppl1.3c

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

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

Suchard, Jan Eike. *The uol-physics-report package. A L<sup>A</sup>T<sub>E</sub>X document class for writing lab reports*. 2023-02-08. Version 1.1. LICENSE: lppl1.3c

URL: <https://ctan.org/pkg/uol-physics-report>

MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uol-physics-report>

- Suckale, Jakob. *The fbs package. BibTeX style for Frontiers in Bioscience*. 2016-06-24. LICENSE: lppl. A BibTeX style file made with to fit Frontiers in Bioscience requirements:  
 URL: <https://ctan.org/pkg/fbs>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/fbs.bst>
- Sullivan, Wayne. *The sbtex package. A compact T<sub>E</sub>X distribution for MS-DOS*. 2016-06-24. LICENSE: noinfo. The distribution includes a small editor (), but no auxiliary files.  
 URL: <https://ctan.org/pkg/sbtex>  
 MIRROR: <https://mirror.ctan.org/systems/msdos/sbtex>
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 URL: <https://ctan.org/pkg/dmfonts>  
 MIRROR: <https://mirror.ctan.org/obsolete/fonts/dmfonts>
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 URL: <https://ctan.org/pkg/hitreport>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hitreport>
- Sun, Zhonghao. *The tlmgr-intro-zh-cn package. A short tutorial on using tlmgr in Chinese*. 2021-05-06. LICENSE: gpl3+  
 URL: <https://ctan.org/pkg/tlmgr-intro-zh-cn>  
 MIRROR: <https://mirror.ctan.org/info/tlmgr-intro-zh-cn>
- Surber, Wesley. *The turabian package. Create Turabian-formatted material using L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 0.1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/turabian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/turabian>
- Svensson, Anders. *The kuvio package. Drawing macros and fonts for diagrams*. 2017-05-30. LICENSE: other-nonfree. Commutative diagrams using PostScript specials (uses definitions for , but the macros are designed for flexibility in this respect).  
 URL: <https://ctan.org/pkg/kuvio>  
 MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/kuvio>
- Swamidass, S Joshua. *The numname package. Convert a number to its English expression*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/numname>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/numname>
- Swift, Matt. *The abbrevs package. Text abbreviations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/abbrevs>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- *The achicago package. Chicago Manual citations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/achicago>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The achicago-bst package. Chicago Manual BibTeX style*. 2016-06-24. Version 1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/achicago-bst>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The alateX package. Abstract L<sup>A</sup>T<sub>E</sub>X*. 2019-06-21. Version 1.0. LICENSE: gpl  
 URL: <https://ctan.org/pkg/alatex>  
 MIRROR: <https://mirror.ctan.org/macros/alatex/alatex-1.0>
  - *The attrib package. Attribution of block quotations in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.3. LICENSE: gpl  
 URL: <https://ctan.org/pkg/attrib>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- Swift, Matt. *The bits package. Sub-document environments in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/bits>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- *The blkcntrl package. Block-element hooks in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/blkcntrl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The compsci package. Document (LaTeX) programming with L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/compsci>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
  - *The dialogue package. Quote short scripted dialogue in L<sup>A</sup>T<sub>E</sub>X*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dialogue>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>

- The drama package. Production-style stage script in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 0.2. LICENSE: gpl  
URL: <https://ctan.org/pkg/drama>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- The frankenbundle package. Develop and distribute L<sup>A</sup>T<sub>E</sub>X packages and classes and BibT<sub>E</sub>X styles. 2016-06-24. Version 1.10. LICENSE: pd  
URL: <https://ctan.org/pkg/frankenbundle>  
MIRROR: <https://mirror.ctan.org/support/frankenbundle>
- The frankenstein package. A collection of L<sup>A</sup>T<sub>E</sub>X packages. 2016-06-24. LICENSE: collection. Frankenstein is a bundle of L<sup>A</sup>T<sub>E</sub>X packages serving various purposes and a BibT<sub>E</sub>X bibliography style. Descriptions are given under the individual packages: , , , , , , , , , , , .  
URL: <https://ctan.org/pkg/frankenstein>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The frankenstein-unsupported package. Unsupported packages from the Frankenstein bundle. 2020-03-09. LICENSE: collection. These packages were part of the original release of the bundle (under the name “monster”). The collection comprises:  
URL: <https://ctan.org/pkg/frankenstein-unsupported>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- The includex package. Extended \include. 2016-06-24. Version 0.6. LICENSE: gpl  
URL: <https://ctan.org/pkg/includex>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein/unsupported>
- The lips package. Text ellipses in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 2.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/lips>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The monster package. Obsolete name for Frankenstein. 2016-06-24. LICENSE: gpl. This is an (obsolete) 8+3-compliant name for the bundle.  
URL: <https://ctan.org/pkg/monster>
- The moredefs package. L<sup>A</sup>T<sub>E</sub>X defining, expansion, and debugging commands. 2016-06-24. Version 1.8. LICENSE: gpl  
URL: <https://ctan.org/pkg/moredefs>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The newclude package. Reimplemented \include system for L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 2. LICENSE: gpl  
URL: <https://ctan.org/pkg/newclude>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The slemph package. Slanted emphasis in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 1.2. LICENSE: gpl  
URL: <https://ctan.org/pkg/slemph>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- The swiftex package. Edit doc.sty and normal L<sup>A</sup>T<sub>E</sub>X files with GNU Emacs. 2016-06-24. Version 1.35. LICENSE: gpl. DocTeX mode is for editing buffers containing self-documenting L<sup>A</sup>T<sub>E</sub>X code that uses the package, including the document class. DocTeX mode was designed to be significantly more useful than the alternatives provided by standard Emacs and (AUC T<sub>E</sub>X has since caught up in this regard). SwifTeX mode is for editing buffers containing normal L<sup>A</sup>T<sub>E</sub>X files and provides an alternative to the L<sup>A</sup>T<sub>E</sub>X modes in the standard Emacs distribution and in .  
URL: <https://ctan.org/pkg/swiftex>  
MIRROR: <https://mirror.ctan.org/support/emacs-modes/swiftex>
- The titles package. Titles of books, articles, etc. in L<sup>A</sup>T<sub>E</sub>X. 2016-06-24. Version 1.2. LICENSE: gpl. A L<sup>A</sup>T<sub>E</sub>X package defining macros that typeset the titles of books, journals, etc. and handle following spacing and punctuation intelligently, based on context. Useful for bibliographic databases and any document. Also includes other markup like , , , etc.  
URL: <https://ctan.org/pkg/titles>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/frankenstein>
- Swift, Matt and Donald Arseneau. The relsize package. Set the font size relative to the current font size. 2016-06-24. Version 4.1. LICENSE: pd. The basic command of the package is , whose argument is a number of s to change size; from this are defined commands , , , etc.  
URL: <https://ctan.org/pkg/reload>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/reload>
- Sydoriak, Steve. The laletter package. Los Alamos letter style. 2016-06-24. LICENSE: other-nonfree  
URL: <https://ctan.org/pkg/laletter>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/laletter>

- *The lamemo package*. Memo style as used at Los Alamos. 2021-08-26. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lamemo>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/lamemo>
- Syrjänen, Tommi. *The Aboensis package*. A late medieval OpenType cursive font. 2022-04-06. LICENSE: ofl,lppl1.3c,cc-by-4,pd  
 URL: <https://ctan.org/pkg/aboensis>  
 MIRROR: <https://mirror.ctan.org/fonts/aboensis>
- *The foliono package*. Use folio numbers to replace page numbers. 2021-04-15. Version 1.000. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/foliono>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/foliono>
- *The missaali package*. A late medieval OpenType textura font. 2021-12-10. Version 2.0. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/missaali>  
 MIRROR: <https://mirror.ctan.org/fonts/missaali>
- Syropoulos, Apostolos. *The asana-math package*. A font to typeset maths in Xe(La)TeX and Lua(La)TeX. 2021-06-19. Version 000.958.  
 LICENSE: ofl  
 URL: <https://ctan.org/pkg/asana-math>  
 MIRROR: <https://mirror.ctan.org/fonts/Asana-Math>
- *The bib-greek package*. A BibTeX style for Greek documents. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/bib-greek>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
- *The epiolmec package*. Typesetting the Epi-Olmec Language. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/epiolmec>  
 MIRROR: <https://mirror.ctan.org/language/epiolmec>
- *The frederika2016 package*. An OpenType Greek calligraphy font. 2016-09-28. Version 1.000 2016 initial release. LICENSE: ofl  
 URL: <https://ctan.org/pkg/frederika2016>  
 MIRROR: <https://mirror.ctan.org/fonts/frederika2016>
- *The greek-makeindex package*. Makeindex working with Greek. 2016-06-24. Version 2.0. LICENSE: other-free. is resolutely stuck with Latin-based alphabets, so will not deal with Greek indexes, unaided. This package provides a Perl script that will transmute the index of a Greek document in such a way that makeindex will sort the entries according to the rules of the Greek alphabet.  
 URL: <https://ctan.org/pkg/greek-makeindex>  
 MIRROR: <https://mirror.ctan.org/language/greek/mkgrkindex>
- *The grnumalt package*. Ancient Greek (Athenian) numbers. 2019-06-21. Version 1.1. LICENSE: other-nonfree. The package implements a numbering system that was used in ancient Athens, producing the ‘Athenian’ numeral for any positive number. The package’s command can (in principle) be used to provide alternative typeset display of the value of counters.  
 URL: <https://ctan.org/pkg/grnumalt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/grnumalt>
- *The grtimes package*. Typeset Greek text with Times New Roman Greek. 2019-06-21. Version 1.0. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/grtimes>  
 MIRROR: <https://mirror.ctan.org/fonts/greek/grtimes>
- *The grverb package*. Typesetting Greek verbatim. 2019-06-21. Version 1.0. LICENSE: other-nonfree. The package provides verbatim typesetting, in the context of the Greek option in . The package uses the public domain font, and the font itself (in Type 1 format), metrics and a font map entry for its use are provided.  
 URL: <https://ctan.org/pkg/grverb>  
 MIRROR: <https://mirror.ctan.org/language/greek/grverb>
- *The hellas package*. Typeset bibliographies which include Greek. 2016-06-24. LICENSE: other-free. Hellas is a BibTeX style, based on the standard plain style, for typesetting databases that containing both Greek and non-Greek bibliographic records. For most bibliographic record types there is an equivalent record type whose name begins with the prefix . These records may have fields and in addition to the fields one might expect in a standard BibTeX record.  
 URL: <https://ctan.org/pkg/hellas>  
 MIRROR: <https://mirror.ctan.org/language/greek/BibTeX>
- Syropoulos, Apostolos. *The linearA package*. Linear A script fonts. 2022-04-29. LICENSE: lppl  
 URL: <https://ctan.org/pkg/linearA>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/linearA>
- *The mf2pt3 package*. Create Adobe Type 3 fonts. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mf2pt3>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/mf2pt3>



- *The multibbl package. Multiple bibliographies.* 2016-06-24. Version 1.1. LICENSE: lppl  
URL: <https://ctan.org/pkg/multibbl>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multibbl>
- *The ocherokee package. L<sup>A</sup>T<sub>E</sub>X Support for the Cherokee language.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/ocherokee>  
MIRROR: <https://mirror.ctan.org/language/ Cherokee/ocherokee>
- *The oinuit package. L<sup>A</sup>T<sub>E</sub>X Support for the Inuktitut Language.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/oinuit>  
MIRROR: <https://mirror.ctan.org/language/inuktitut/oinuit>
- *The phaistos package. Disk of Phaistos font.* 2022-12-14. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/phaistos>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/phaistos>
- *The staves package. Typeset Icelandic staves and runic letters.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/staves>  
MIRROR: <https://mirror.ctan.org/language/staves>
- *The svrsymbols package. A font with symbols for use in physics texts.* 2019-02-12. Version 2.0b. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/svrsymbols>  
MIRROR: <https://mirror.ctan.org/fonts/svrsymbols>
- *The umtypewriter package. Fonts to typeset with the xgreek package.* 2022-09-18. Version 1.1. LICENSE: ofl  
URL: <https://ctan.org/pkg/umtypewriter>  
MIRROR: <https://mirror.ctan.org/fonts/umtypewriter>
- *The xexchangebar package. An extension of package changebar that can be used with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X.* 2019-11-14. Version 1.0. LICENSE: lppl1.3. The package extends package so it can be used with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. It introduces the new option for use with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X. Everything else remains the same and users should consult the original documentation for usage information.  
URL: <https://ctan.org/pkg/xexchangebar>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xexchangebar>
- *The xecyrmongolian package. Basic support for the typesetting of Cyrillic Mongolian documents using (Xe|Lua)L<sup>A</sup>T<sub>E</sub>X.* 2019-12-21. Version 1.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xecyrmongolian>  
MIRROR: <https://mirror.ctan.org/language/mongolian/xecyrmongolian>
- *The xesoul package. Use the soul package with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X.* 2021-04-08. Version 1.0. LICENSE: lppl1.3c. This package allows the use of the package (hyphenation within letterspacing, underlining and others) with X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X.  
URL: <https://ctan.org/pkg/xesoul>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xesoul>
- *The xetex-greek package. Hyphenation for different variants of Greek, under XeTeX.* 2016-06-24. LICENSE: lppl  
URL: <https://ctan.org/pkg/xetex-greek>  
MIRROR: <https://mirror.ctan.org/macros/xetex/hyphenation/greek>
- *The xgreek package. Greek Language Support for X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X and LuaL<sup>A</sup>T<sub>E</sub>X.* 2022-09-05. Version 3.2.0. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xgreek>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/xgreek>
- Syropoulos, Apostolos and Jens Elstner. *The xespotcolor package. Spot colours support for X<sub>ε</sub>L<sup>A</sup>T<sub>E</sub>X.* 2021-03-06. Version 2.1. LICENSE: lppl1.3c  
URL: <https://ctan.org/pkg/xespotcolor>  
MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xespotcolor>
- Syropoulos, Apostolos, Dimitrios Filippou, and Günter Milde. *The greek-inputenc package. Greek encoding support for inputenc.* 2023-03-21. Version 1.9. LICENSE: lppl1.3  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-norsk>
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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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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>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-english>
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URL: <https://ctan.org/pkg/glossaries-extra>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-extra>
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URL: <https://ctan.org/pkg/glossaries-german>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-german>
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URL: <https://ctan.org/pkg/glossaries-irish>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-irish>



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URL: <https://ctan.org/pkg/glossaries-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-italian>
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URL: <https://ctan.org/pkg/glossaries-magyar>  
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-polish>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-portuges>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-serbian>
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MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-spanish>
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URL: <https://ctan.org/pkg/glossary>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/glossary>
  - *The jmakepdfx package. A Java interface to Ghostscript to convert PDF to PDF/X.* 2017-04-18. Version 0.3b. LICENSE: gpl. The package provides Java GUI application that uses Ghostscript to convert PDF files to PDF/X. There is a choice of CMYK or greyscale profile. This uses Ghostscript’s setting, which is analogous to Acrobat Distiller’s “Prepress Optimized” setting.  
URL: <https://ctan.org/pkg/jmakepdfx>  
MIRROR: <https://mirror.ctan.org/support/jmakepdfx>
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URL: <https://ctan.org/pkg/jmlr>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jmlr>
  - *The MakeGlossariesGUI package. Java GUI alternative to makeglossaries script.* 2020-03-10. Version 2.2. LICENSE: gpl3. The package provides a Java GUI alternative to the makeglossaries Perl script (supplied by the package). The package was designed for people who don’t want to use the command prompt but can’t get their editor to run makeglossaries. It can also be used as a diagnostic tool when there are problems with the document glossaries.  
URL: <https://ctan.org/pkg/makeglossariesgui>  
MIRROR: <https://mirror.ctan.org/support/makeglossariesgui>
  - *The mfirstuc package. Uppercase the first letter of a word.* 2022-10-18. Version 2.08. LICENSE: lppl1.3. The package provides commands that uppercases the first letter in its argument (with a check for a semantic markup command at the start of the argument), and xmakefirstuc which expands the argument before uppercasing. It also provides which applies to each word in the , where the words are separated by regular spaces. (Exceptions can be made for words that shouldn’t be converted.)  
URL: <https://ctan.org/pkg/mfirstuc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mfirstuc>
  - *The nlctdoc package. Package documentation class.* 2023-10-03. Version 1.10. LICENSE: lppl  
URL: <https://ctan.org/pkg/nlctdoc>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nlctdoc>
- Talbot, Nicola. *The pressrelease package. A class for typesetting press releases.* 2016-06-24. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/pressrelease>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pressrelease>
- *The probsoln package. Generate problem sheets and their solution sheets.* 2017-07-10. Version 3.05. LICENSE: lppl  
URL: <https://ctan.org/pkg/probsoln>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/probsoln>

- *The quotmark package. Consistent quote marks.* 2016-06-24. Version 1.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/quotmark>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/quotmark>
- *The testidx package. Dummy text for testing index styles and indexing applications.* 2019-09-29. Version 1.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/testidx>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/testidx>
- *The tex-locale package. Localisation support for T<sub>E</sub>X and L<sup>A</sup>T<sub>E</sub>X documents.* 2018-08-28. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tex-locale>  
MIRROR: <https://mirror.ctan.org/macros/generic/tex-locale>
- *The texosquery package. Cross-platform Java application to query OS information.* 2020-02-04. Version 1.7. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/texosquery>  
MIRROR: <https://mirror.ctan.org/support/texosquery>
- *The tracklang package. Language and dialect tracker.* 2022-12-13. Version 1.6.1. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/tracklang>  
MIRROR: <https://mirror.ctan.org/macros/generic/tracklang>
- *The venndiagram package. Creating Venn diagrams with TikZ.* 2018-06-07. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/venndiagram>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/venndiagram>
- *The xfor package. A reimplement of the L<sup>A</sup>T<sub>E</sub>X for-loop macro.* 2016-06-24. Version 1.05. LICENSE: lppl. The package redefines the L<sup>A</sup>T<sub>E</sub>X internal macro so that the loop may be prematurely terminated. The action is akin to the C/Java statement, except that the loop does not terminate until the end of the current iteration  
URL: <https://ctan.org/pkg/xfor>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfor>
- Talbot, Nicola and Vincent Belaïche. *The fmtcount package. Display the value of a L<sup>A</sup>T<sub>E</sub>X counter in a variety of formats.* 2020-07-05. Version 3.07. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/fmtcount>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fmtcount>
- *The makedtx package. Perl script to help generate dtx and ins files.* 2018-02-21. Version 1.2. LICENSE: lppl. The makedtx bundle is provided to help L<sup>A</sup>T<sub>E</sub>X2e developers to write the code and documentation in separate files, and then combine them into a single file for distribution. It automatically generates the character table, and also writes the associated installation () script.  
URL: <https://ctan.org/pkg/makedtx>  
MIRROR: <https://mirror.ctan.org/support/makedtx>
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URL: <https://ctan.org/pkg/glossaries-french>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/glossaries-french>
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URL: <https://ctan.org/pkg/datetime2-italian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-italian>
- Talbot, Nicola and Sebastian Friedl. *The datetime2-german package. German language module for the datetime2 package.* 2023-05-17. Version 3.0. LICENSE: lppl1.3c. This module provides the “german” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-german>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-german>
- Talbot, Nicola and Zunbeltz Izaola. *The datetime2-basque package. Basque language module for the datetime2 package.* 2018-03-21. Version 1.2a. LICENSE: lppl1.3. This module provides the “basque” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-basque>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-basque>
- Talbot, Nicola and Ivan Kokan. *The datetime2-croatian package. Croatian language module for the datetime2 package.* 2018-01-07. Version 1.0. LICENSE: lppl1.3. This module provides the “croatian” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-croatian>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-croatian>
- Talbot, Nicola and Paul A. Patience. *The datetime2-french package. French language module for the datetime2 package.* 2020-09-21. Version 1.03. LICENSE: lppl1.3. This module provides the “french” style that can be set using provided by .  
URL: <https://ctan.org/pkg/datetime2-french>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-french>

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 URL: <https://ctan.org/pkg/datetime2-romanian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-romanian>
- Talbot, Nicola and Sergiy M. Ponomarenko. *The datetime2-ukrainian package. Ukrainian language module for the datetime2 package.* 2018-04-15. Version 1.2a. LICENSE: lppl1.3. This module provides the “ukrainian” style that can be set using provided by .  
 URL: <https://ctan.org/pkg/datetime2-ukrainian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-ukrainian>
- Talbot, Nicola and Andrej Radović. *The datetime2-serbian package. Serbian language module for the datetime2 package.* 2023-05-17. Version 2.1.0. LICENSE: lppl1.3. This module provides the “serbian” style that can be set using provided by . It provides both Cyrillic and Latin, Ekavian and Ijekavian variants of Serbian date formats, regionalized and non-regionalized.  
 URL: <https://ctan.org/pkg/datetime2-serbian>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/datetime2-contrib/datetime2-serbian>
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 URL: <https://ctan.org/pkg/bibleref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bibleref>
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 URL: <https://ctan.org/pkg/convbkmk>  
 MIRROR: <https://mirror.ctan.org/support/convbkmk>
- *The upmendex package. Multilingual index processor.* 2023-03-20. Version 1.07. LICENSE: bsd3  
 URL: <https://ctan.org/pkg/upmendex>  
 MIRROR: <https://mirror.ctan.org/indexing/upmendex>
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 URL: <https://ctan.org/pkg/uptex>
  
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 URL: <https://ctan.org/pkg/japanese-otf-uptex>  
 MIRROR: <https://mirror.ctan.org/macros/jptex/latex/japanese-otf>
- Tanbakuchi, Anthony A. *The FigSize package. Auto-size graphics.* 2016-06-24. Version 0.1. LICENSE: lppl. The FigSize package enables automatic sizing of graphics, especially when including graphics with the package. The user only has to specify the number of graphics that should fit to a page or fraction thereof and the package will dynamically calculate the correct graphics sizes relative to the page size. Thus, graphics can be auto-sized to fill a whole page or fraction and manual changes of graphic sizes are never needed when changing document layouts. Finally, the package’s dynamic lengths can be used to allow other document element sizes to be dynamic.  
 URL: <https://ctan.org/pkg/figsize>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/figsize>
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 URL: <https://ctan.org/pkg/plates>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/plates>
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 URL: <https://ctan.org/pkg/pgfkeys>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/base>
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 URL: <https://ctan.org/pkg/jlabels>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jlabels>
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 URL: <https://ctan.org/pkg/bropd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bropd>
- Tatsuta, Makoto. *The LKproof package. LK Proof figure macros.* 2018-02-03. Version 3.1. LICENSE: gpl. The package defines a pair of commands and , that are used in constructing LK proof diagrams.  
 URL: <https://ctan.org/pkg/lkproof>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lkproof>
- Taupin, Daniel. *The cmfrak package. Reencoded versions of Haralambous fraktur fonts.* 2016-07-29. Version 1.0. LICENSE: noinfo. Metafont sources to enable Haralambous’s font to be built in a CM-like encoding () or a “DC-like” encoding (effectively, L<sup>A</sup>T<sub>E</sub>X T1:

- ).
- URL: <https://ctan.org/pkg/cmfrak>  
MIRROR: <https://mirror.ctan.org/fonts/gothic/cmfrak>
- *The ec-plain package*. Use EC fonts in Plain  $\TeX$ . 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/ec-plain>  
MIRROR: <https://mirror.ctan.org/macros/ec-plain>
  - *The hyphen-accent package*.  $\LaTeX$  2.09 code for using DC fonts. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/hyphen-accent>  
MIRROR: <https://mirror.ctan.org/language/hyphen-accent>
  - *The musictex package*. Typesetting music with  $\TeX$ . 2019-06-21. Version 5.20. LICENSE: noinfo. MusicTeX is a set of macros, that first demonstrated the technique of simultaneous two-dimensional typesetting as applied to music. MusicTeX has its shortcomings (notably in the area of slurs), and is now largely superseded by .  
URL: <https://ctan.org/pkg/musictex>  
MIRROR: <https://mirror.ctan.org/macros/musictex>
  - *The smallcap package*. Promote small caps to a font family, so NFSS can deal with different shapes. 2016-06-24. LICENSE: noinfo. A set of files that uses the fonts available in version 1.3 of the DC fonts to provide support for all 4 shapes of small caps. SC becomes a family, rather than a shape ( is replaced by ). Thus you can write to get small caps bold slanted.  
URL: <https://ctan.org/pkg/smallcap>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/smallcap>
  - *The varsects package*. A simple package for controlling headings. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/varsects>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/taupin/varsects.sty>
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URL: <https://ctan.org/pkg/bubblesort>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bubblesort>
- *The csvmerge package*. Merge  $\TeX$  code with csv data. 2019-08-14. Version 1.0. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/csvmerge>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/csvmerge>
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URL: <https://ctan.org/pkg/proofs>  
MIRROR: <https://mirror.ctan.org/macros/generic/proofs/taylor>
- *The qed package*. Produce an "end-of-proof" mark. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/qed>  
MIRROR: <https://mirror.ctan.org/macros/generic/proofs/taylor/QED.sty>
  - *The taylor package*. Macros for category-theoretic diagrams. 2016-06-24. Version 3.93. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/taylor>  
MIRROR: <https://mirror.ctan.org/macros/generic/diagrams/taylor>
- Taylor, Philip. *The cropmarks-pt package*. Philip Taylor's cropmarks macros. 2016-06-24. Version 1.4. LICENSE: other-free. The package permits the user to specify cropmarks in terms of a number of dimension variables. The marks themselves are applied in a subverted command.  
URL: <https://ctan.org/pkg/cropmarks-pt>  
MIRROR: [https://mirror.ctan.org/macros/generic/misc/CropMarks\\_pt.tex](https://mirror.ctan.org/macros/generic/misc/CropMarks_pt.tex)
- *The cropmrks package*. Add crop marks to a Plain  $\TeX$  document. 2016-06-24. Version 1.5. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cropmrks>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/cropmrks.tex>
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URL: <https://ctan.org/pkg/letterspacing>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/letterspacing.tex>
- *The path package*. Typeset paths, making them breakable. 2016-06-24. Version 3.05. LICENSE: other-free. Defines a macro , similar to the  $\LaTeX$  , that sets the text in typewriter font and allows hyphen-less breaks at punctuation characters. The set of characters to be regarded as punctuation may be changed from the package's default.  
URL: <https://ctan.org/pkg/path>  
MIRROR: <https://mirror.ctan.org/macros/generic/path>



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 URL: <https://ctan.org/pkg/settosize>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/settosize.tex>
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 URL: <https://ctan.org/pkg/trigonometry>  
 MIRROR: <https://mirror.ctan.org/macros/generic/trigonometry>
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 URL: <https://ctan.org/pkg/verbatim-gen>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/verbatim.tex>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ftc-notebook>
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 URL: <https://ctan.org/pkg/letterswitharrows>  
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 URL: <https://ctan.org/pkg/apprendre-a-programmer-en-tex>  
 MIRROR: <https://mirror.ctan.org/info/apprendre-a-programmer-en-tex>
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 URL: <https://ctan.org/pkg/autoaligne>  
 MIRROR: <https://mirror.ctan.org/macros/generic/autoaligne>
- *The chemfig package*. Draw molecules with easy syntax. 2023-06-30. Version 1.6e. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/chemfig>  
 MIRROR: <https://mirror.ctan.org/macros/generic/chemfig>
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 URL: <https://ctan.org/pkg/dijkstra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/dijkstra>
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 URL: <https://ctan.org/pkg/hlist>  
 MIRROR: <https://mirror.ctan.org/macros/generic/hlist>
- *The scratch package*. Draw programs like “scratch”. 2023-03-23. Version 0.41. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/scratch>  
 MIRROR: <https://mirror.ctan.org/obsolete/macros/latex/contrib/scratch>
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 URL: <https://ctan.org/pkg/scratch3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/scratch3>
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 URL: <https://ctan.org/pkg/simplekv>  
 MIRROR: <https://mirror.ctan.org/macros/generic/simplekv>
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 URL: <https://ctan.org/pkg/spreadtab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/spreadtab>
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 URL: <https://ctan.org/pkg/systeme>  
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 URL: <https://ctan.org/pkg/tabularcalc>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/tabularcalc>
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 URL: <https://ctan.org/pkg/xstring>  
 MIRROR: <https://mirror.ctan.org/macros/generic/xstring>
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MIRROR: <https://mirror.ctan.org/macros/generic/listofitems>
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URL: <https://ctan.org/pkg/accanthis>  
MIRROR: <https://mirror.ctan.org/fonts/accanthis>
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URL: <https://ctan.org/pkg/alegreya>  
MIRROR: <https://mirror.ctan.org/fonts/alegreya>
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URL: <https://ctan.org/pkg/alkalami>  
MIRROR: <https://mirror.ctan.org/fonts/alkalami>
  - *The almendra package. Almendra fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-28. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/almendra>  
MIRROR: <https://mirror.ctan.org/fonts/almendra>
  - *The andika package. andika fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines.* 2022-09-28. Version 6.101. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/andika>  
MIRROR: <https://mirror.ctan.org/fonts/andika>
  - *The arimo package. Arimo sans serif fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2023-10-20. LICENSE: apache2  
URL: <https://ctan.org/pkg/arimo>  
MIRROR: <https://mirror.ctan.org/fonts/arimo>
  - *The atkinson package. Support for the Atkinson Hyperlegible family of fonts.* 2022-09-14. LICENSE: lppl,other-free  
URL: <https://ctan.org/pkg/atkinson>  
MIRROR: <https://mirror.ctan.org/fonts/atkinson>
  - *The autosp package. A Preprocessor that generates note-spacing commands for MusiXTeX scores.* 2023-10-11. LICENSE: gpl2+  
URL: <https://ctan.org/pkg/autosp>  
MIRROR: <https://mirror.ctan.org/support/autosp>
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URL: <https://ctan.org/pkg/biolinum-type1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/biolinum-type1>
  - *The bitter package. The Bitter family of fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2023-07-10. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/bitter>  
MIRROR: <https://mirror.ctan.org/fonts/bitter>
  - *The cabin package. A humanist Sans Serif font, with L<sup>A</sup>T<sub>E</sub>X support.* 2023-09-25. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cabin>  
MIRROR: <https://mirror.ctan.org/fonts/cabin>
  - *The caladea package. Support for the Caladea family of fonts.* 2022-09-29. LICENSE: apache2,lppl  
URL: <https://ctan.org/pkg/caladea>  
MIRROR: <https://mirror.ctan.org/fonts/caladea>
  - *The carlito package. Support for Carlito sans-serif fonts.* 2022-10-05. LICENSE: ofl  
URL: <https://ctan.org/pkg/carlito>  
MIRROR: <https://mirror.ctan.org/fonts/carlito>
  - *The CharisSIL package. CharisSIL fonts with support for all L<sup>A</sup>T<sub>E</sub>X engines.* 2022-11-12. Version 6.101. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/charissil>  
MIRROR: <https://mirror.ctan.org/fonts/charissil>
  - *The cinzel package. L<sup>A</sup>T<sub>E</sub>X support for Cinzel and Cinzel Decorative fonts.* 2022-09-29. LICENSE: ofl,lppl. Cinzel and Cinzel Decorative fonts, designed by Natanael Gama ), find their inspiration in first century roman inscriptions, and are based on classical proportions. Cinzel is all-caps (similar to and Michelangelo), but is available in three weights (Regular, Bold, Black). There are no italic fonts, but there are Decorative variants, which can be selected by the usual italic-selection commands in the package’s L<sup>A</sup>T<sub>E</sub>X support.  
URL: <https://ctan.org/pkg/cinzel>  
MIRROR: <https://mirror.ctan.org/fonts/cinzel>
- Tennent, Bob. *The classico package. URW Classico fonts.* 2022-09-30. LICENSE: nocommercial  
URL: <https://ctan.org/pkg/classico>  
MIRROR: <https://mirror.ctan.org/fonts/urw/classico>
- *The clearsans package. Clear Sans fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-15. LICENSE: apache2,lppl  
URL: <https://ctan.org/pkg/clearsans>  
MIRROR: <https://mirror.ctan.org/fonts/clearsans>

- *The coelacanth package*. Coelacanth fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-30. Version 0.005. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/coelacanth>  
MIRROR: <https://mirror.ctan.org/fonts/coelacanth>
  - *The cooperhewitt package*. LaTeX, pdfLaTeX, Xe<sub>L</sub>A<sub>T</sub>E<sub>X</sub> and LuaL<sup>A</sup>T<sub>E</sub>X support for the Cooper Hewitt family of sans serif fonts. 2022-11-03. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cooperhewitt>  
MIRROR: <https://mirror.ctan.org/fonts/cooperhewitt>
  - *The CormorantGaramond package*. Cormorant Garamond family of fonts. 2022-09-16. Version 3.601. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/cormorantgaramond>  
MIRROR: <https://mirror.ctan.org/fonts/cormorantgaramond>
  - *The crimson package*. Crimson fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-30. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/crimson>  
MIRROR: <https://mirror.ctan.org/fonts/crimson>
  - *The CrimsonPro package*. CrimsonPro fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-30. LICENSE: ofl,lppl. The CrimsonPro fonts are designed by Jacques Le Bailly and derived from the designed by Sebastian Kosch. The family includes eight weights and italics for each weight.  
URL: <https://ctan.org/pkg/crimsonpro>  
MIRROR: <https://mirror.ctan.org/fonts/crimsonpro>
  - *The ebgaromond package*. L<sup>A</sup>T<sub>E</sub>X support for EBGaramond fonts. 2023-03-19. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/ebgaromond>  
MIRROR: <https://mirror.ctan.org/fonts/ebgaromond>
  - *The figbas package*. Mini-fonts for figured-bass notation in music. 2016-06-24. Version 1.0.3. LICENSE: lppl  
URL: <https://ctan.org/pkg/figbas>  
MIRROR: <https://mirror.ctan.org/fonts/figbas>
  - *The fira package*. Fira fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-17. Version 4.3. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/fira>  
MIRROR: <https://mirror.ctan.org/fonts/fira>
  - *The forum package*. Forum fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-30. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/forum>  
MIRROR: <https://mirror.ctan.org/fonts/forum>
  - *The gandhi package*. Gandhi Serif and Sans fonts, with L<sup>A</sup>T<sub>E</sub>X support. 2022-10-01. LICENSE: nosell,lppl  
URL: <https://ctan.org/pkg/gandhi>  
MIRROR: <https://mirror.ctan.org/fonts/gandhi>
  - *The gelasio package*. L<sup>A</sup>T<sub>E</sub>X support for the Gelasio family of fonts. 2023-04-10. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/gelasio>  
MIRROR: <https://mirror.ctan.org/fonts/gelasio>
  - *The gillius package*. Gillius fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-10-30. LICENSE: gpl2+,lppl  
URL: <https://ctan.org/pkg/gillius>  
MIRROR: <https://mirror.ctan.org/fonts/gillius>
  - *The gofonts package*. GoSans and GoMono fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-12. LICENSE: other-free,lppl  
URL: <https://ctan.org/pkg/gofonts>  
MIRROR: <https://mirror.ctan.org/fonts/gofonts>
  - *The ibarra package*. L<sup>A</sup>T<sub>E</sub>X support for the Ibarra Real Nova family of fonts. 2023-04-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/ibarra>  
MIRROR: <https://mirror.ctan.org/fonts/ibarra>
  - *The imfellEnglish package*. IM Fell English fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-10-01. LICENSE: ofl  
URL: <https://ctan.org/pkg/imfellenglish>  
MIRROR: <https://mirror.ctan.org/fonts/imfellenglish>
- Tennent, Bob. *The imfellflowers package*. IM Fell Flower OpenType fonts. 2023-08-15. LICENSE: nosell  
URL: <https://ctan.org/pkg/imfellflowers>  
MIRROR: <https://mirror.ctan.org/fonts/imfellflowers>
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URL: <https://ctan.org/pkg/josefin>  
MIRROR: <https://mirror.ctan.org/fonts/josefin>

- *The libertine package. Use of Linux Libertine and Biolinum fonts with L<sup>A</sup>T<sub>E</sub>X.* 2022-09-12. Version 5.3.0. LICENSE: gpl,ofl,lppl  
URL: <https://ctan.org/pkg/libertine>  
MIRROR: <https://mirror.ctan.org/fonts/libertine>
  - *The libertine-type1 package. (pdf)L<sup>A</sup>T<sub>E</sub>X support for the Libertine family of fonts.* 2016-06-24. Version 5.3.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/libertine-type1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/libertine-type1>
  - *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>
  - *The librebaskerville package. The Libre Baskerville family of fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-17. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/librebaskerville>  
MIRROR: <https://mirror.ctan.org/fonts/librebaskerville>
  - *The librebodoni package. Libre Bodoni fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/librebodoni>  
MIRROR: <https://mirror.ctan.org/fonts/librebodoni>
  - *The librecaslon package. Libre Caslon fonts, with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-18. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/librecaslon>  
MIRROR: <https://mirror.ctan.org/fonts/librecaslon>
  - *The librefranklin package. L<sup>A</sup>T<sub>E</sub>X support for the Libre-Franklin family of fonts.* 2022-09-19. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/librefranklin>  
MIRROR: <https://mirror.ctan.org/fonts/librefranklin>
  - *The linguisticspro package. LinguisticsPro fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: lppl,ofl  
URL: <https://ctan.org/pkg/linguisticspro>  
MIRROR: <https://mirror.ctan.org/fonts/linguisticspro>
  - *The lobster2 package. Lobster Two fonts, with support for all L<sup>A</sup>T<sub>E</sub>X engines.* 2022-09-19. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/lobster2>  
MIRROR: <https://mirror.ctan.org/fonts/lobster2>
  - *The Marcellus package. Marcellus fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-20. LICENSE: ofl,lppl. This package provides L<sup>A</sup>T<sub>E</sub>X, pdfLaTeX, Xe<sup>L</sup>A<sub>T</sub>E<sub>X</sub> 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 mintspirit package. L<sup>A</sup>T<sub>E</sub>X support for MintSpirit font families.* 2022-09-22. LICENSE: ofl,lppl. The package provides , , and support for the MintSpirit and MintSpiritNo2 families of fonts, designed by Hirwen Harendal. MintSpirit was originally designed for use as a system font on a Linux Mint system. The No. 2 variant provides more conventional shapes for some glyphs.  
URL: <https://ctan.org/pkg/mintspirit>  
MIRROR: <https://mirror.ctan.org/fonts/mintspirit>
  - *The musixtnt package. A MusiXTeX extension library that enables transformations of the effect of notes commands.* 2016-06-24. LICENSE: gpl2  
URL: <https://ctan.org/pkg/musixtnt>  
MIRROR: <https://mirror.ctan.org/macros/musixtnt>
  - *The mweights package. Support for multiple-weight font packages.* 2020-01-23. LICENSE: lppl  
URL: <https://ctan.org/pkg/mweights>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mweights>
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URL: <https://ctan.org/pkg/noto>  
MIRROR: <https://mirror.ctan.org/fonts/noto>
- *The notocondensed package. Support for the condensed variants of the Noto fonts.* 2022-09-11. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/notocondensed>  
MIRROR: <https://mirror.ctan.org/fonts/notocondensed>

- *The OldStandardT1 package. Type 1 versions of Old Standard fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2018-01-07. LICENSE: ofl  
URL: <https://ctan.org/pkg/oldstandardt1>  
MIRROR: <https://mirror.ctan.org/obsolete/fonts/oldstandardt1>
- *The overlock package. Overlock sans fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-09-23. LICENSE: ofl. The package provides the Overlock and OverlockSC families of fonts, designed by Dario Manuel Muhafara of the (<http://www.tipo.net.ar>), “rounded” sans-serif fonts in three weights (Regular, Bold, Black) with italic variants for each of them. There are also small-caps and old-style figures in the Regular weight.  
URL: <https://ctan.org/pkg/overlock>  
MIRROR: <https://mirror.ctan.org/fonts/overlock>
- *The padauk package. A high-quality TrueType font that supports the many diverse languages that use the Myanmar script.* 2018-01-07. Version 3.002. LICENSE: ofl  
URL: <https://ctan.org/pkg/padauk>  
MIRROR: <https://mirror.ctan.org/fonts/padauk>
- *The playfair package. Playfair Display fonts with L<sup>A</sup>T<sub>E</sub>X support.* 2022-10-28. LICENSE: ofl,lppl  
URL: <https://ctan.org/pkg/playfair>  
MIRROR: <https://mirror.ctan.org/fonts/playfair>
- *The plex package. Support for IBM Plex fonts.* 2023-10-01. LICENSE: ofl,lppl  
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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URL: <https://ctan.org/pkg/quattroceto>  
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>  
MIRROR: <https://mirror.ctan.org/fonts/spectral>
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URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux>  
MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-6>
- *The texlive-dummy-enterprise-linux-6 package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 6 and derived distributions.* 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-6>  
MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-6>
- *The texlive-dummy-enterprise-linux-7 package. Dummy T<sub>E</sub>X Live RPM for use with RHEL 7 and derived distributions.* 2016-06-24. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-7>  
MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-7>
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URL: <https://ctan.org/pkg/texlive-dummy-enterprise-linux-8>  
MIRROR: <https://mirror.ctan.org/support/texlive/texlive-dummy/EnterpriseLinux-8>
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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>
  - *The tinos package*. Tinos fonts with L<sup>A</sup>T<sub>E</sub>X support. 2022-09-25. LICENSE: apache2,lppl  
URL: <https://ctan.org/pkg/tinos>  
MIRROR: <https://mirror.ctan.org/fonts/tinos>
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URL: <https://ctan.org/pkg/tlmgrbasics>  
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MIRROR: <https://mirror.ctan.org/macros/generic/abbr>



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 LICENSE: gpl. An extension of T<sub>E</sub>X which can directly generate PDF documents as well as DVI output. All current free T<sub>E</sub>X distributions including , and include pdfTeX (Plain T<sub>E</sub>X) and pdfL<sup>A</sup>T<sub>E</sub>X (LaTeX), among many other formats based on the pdfTeX engine.  
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 MIRROR: <https://mirror.ctan.org/support/htm12latex>
- The T<sub>E</sub>X4ht Team and Eitan M. Gurari. *The protex package. Literate programming package.* 2018-01-06. LICENSE: lppl. ProTeX is a simple but powerful literate programming tool, which is designed to generate useful hypertext output (either PDF, or HTML using ).  
 URL: <https://ctan.org/pkg/protex>  
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 URL: <https://ctan.org/pkg/tex4ht>  
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MIRROR: <https://mirror.ctan.org/fonts/korean/HLaTeX>
  - *The unfonts-core package. TrueType version of Un-fonts*. 2020-09-03. LICENSE: gpl2  
URL: <https://ctan.org/pkg/unfonts-core>  
MIRROR: <https://mirror.ctan.org/fonts/unfonts-core>
  - *The unfonts-extra package. TrueType version of Un-fonts*. 2020-09-03. LICENSE: gpl2  
URL: <https://ctan.org/pkg/unfonts-extra>  
MIRROR: <https://mirror.ctan.org/fonts/unfonts-extra>
  - *The xytree package. Tree macros using XY-Pic*. 2016-06-24. Version 1.5. LICENSE: lppl  
URL: <https://ctan.org/pkg/xytree>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xytree>
- Ungar, Peter. *The cropmark-pu package. Cropmark macros for Plain T<sub>E</sub>X*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/cropmark-pu>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/cropmark.tex>
- *The pagereference package. Labels and references in Plain T<sub>E</sub>X*. 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/pagereference>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/pagereference.tex>
- Unknown. *The Aalok package. L<sup>A</sup>T<sub>E</sub>X class file for the Marathi journal ‘Aalok’*. 2022-01-21. Version 0.6. LICENSE: gpl3+,other-free,fdl  
URL: <https://ctan.org/pkg/aalok>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/aalok>
- *The acs package. L<sup>A</sup>T<sub>E</sub>X 2.09 support for Advances in Control Systems*. 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/acs>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/acs>
  - *The adobe-euro package. Metric and map files for the Adobe Euro fonts*. 2018-06-05. LICENSE: other-free  
URL: <https://ctan.org/pkg/adobe-euro>  
MIRROR: <https://mirror.ctan.org/fonts/adobe-euro>
  - *The annotate package. A bibliography style with annotations*. 2016-06-24. LICENSE: other-free. The style is a derivative of the standard style, which processes an entry’s field as part of the printed output.  
URL: <https://ctan.org/pkg/annotate>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/annotate.bst>
  - *The annotation package. A BibT<sub>E</sub>X 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 appeal-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>
- Unknown. *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>
  - *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 T<sub>E</sub>X-related books.* 2016-06-24. LICENSE: collection  
URL: <https://ctan.org/pkg/book-examples>

- Unknown. *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 calcfrac package. Calculates the value of an expression containing fractions.* 2023-11-05. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/calcfrac>  
 MIRROR: <https://mirror.ctan.org/macros/generic/calcfrac>
  - *The cdcmd package. Expandable conditional commands for L<sup>A</sup>T<sub>E</sub>X.* 2021-10-15. Version 1.0. LICENSE: lppl1.3c. This package provides some conditional commands, just like the package. The difference is that can define conditional commands.  
 URL: <https://ctan.org/pkg/cdcmd>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cdcmd>
  - *The chhaya package. Linguistic glossing in Marathi language.* 2022-01-21. Version 0.4. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/chhaya>  
 MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/chhaya>
  - *The ChineseJFM package. Luatexja-jfm files for Chinese typesetting.* 2021-02-15. Version 1.1.1. LICENSE: mit. ChineseJFM is a series of luatexja-jfm files for better Chinese typesetting, providing , , and three styles and other fancy features. It can be used for both horizontal and vertical writing mode in Simplified/Traditional Chinese or Japanese fonts.  
 URL: <https://ctan.org/pkg/chinese-jfm>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/chinese-jfm>
  - *The cmastro package. Font for planetary symbols.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/cmastro>  
 MIRROR: <https://mirror.ctan.org/fonts/cmastro>
  - *The committee-font package. A font designed by a committee.* 2016-07-19. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/committee-font>  
 MIRROR: <https://mirror.ctan.org/fonts/unsupported/committee>
  - *The csname-doc package. A list of plain.tex cs names.* 2016-06-24. LICENSE: pd  
 URL: <https://ctan.org/pkg/csname-doc>  
 MIRROR: <https://mirror.ctan.org/info/plain-doc/csname.txt>
  - *The czhyph package. Hyphenation patterns for Czech.* 2019-06-21. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/czhyph>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/czhyph.tex>
  - *The datestamp package. Fixed date-stamps with LuaLaTeX.* 2021-12-15. Version 0.3. LICENSE: gpl3+,fdl  
 URL: <https://ctan.org/pkg/datestamp>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/datestamp>
  - *The deflist package. A variation on the description environment.* 2016-06-24. LICENSE: noinfo. The command evnironment takes an argument, whose width is taken as the maximum width of labels in a -like environment  
 URL: <https://ctan.org/pkg/deflist>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/deflist.sty>
  - *The defstring package. Define macros as verbatim macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/defstring>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/defstring.tex>
  - *The devanagari-omega package. Typeset Devanagari with Omega.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/devanagari-omega>  
 MIRROR: <https://mirror.ctan.org/language/devanagari/omega>
  - *The dmhgener package. Equation, figure (etc.) numbering and referencing.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dmhgener>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/dmhgener.tex>
  - *The doublecol package. Double-column page macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo. These macros are derived from Knuth’s macros (separately ), by an unknown hand.  
 URL: <https://ctan.org/pkg/doublecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/doublecol.tex>
  - *The doulossil package. A font for typesetting the International Phonetic Alphabet (IPA).* 2022-05-06. Version 0.1. LICENSE: ofl  
 URL: <https://ctan.org/pkg/doulossil>  
 MIRROR: <https://mirror.ctan.org/fonts/doulossil>
  - *The dow package. Calculate day of week from a numeric date.* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/dow>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/dow.tex>

- Unknown. *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>
  - *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.* 2023-10-24. Version 1.0.2. 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>



- Unknown. *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/utils/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>
  - *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>

- Unknown. *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 Xe<sub>Λ</sub>TeX or LuaLaTeX.* 2022-01-21. Version 1.7. LICENSE: gpl3+,other-free,fdl  
 URL: <https://ctan.org/pkg/marathi>  
 MIRROR: <https://mirror.ctan.org/language/marathi>
  - *The mathtime-metrics package. MathTime AFM files.* 2016-06-18. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/mathtime-metrics>  
 MIRROR: <https://mirror.ctan.org/fonts/mathtime>
  - *The maybeload package. Prevent reloading of files.* 2016-06-24. LICENSE: noinfo. Defines a command , which will become if it's called for a second or subsequent time with a particular file name.  
 URL: <https://ctan.org/pkg/maybeload>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/maybeload.tex>
  - *The memo-pln package. Plain 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 BibTeX style with labels provided in the database.* 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/namunsrt>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/misc/namunsrt.bst>
  - *The nofill package. Preserve spaces and line breaks when setting text.* 2016-06-24. LICENSE: noinfo. The commands and bracket text in which multiple spaces are not collapsed into a single space, and spaces at the start of line are preserved.  
 URL: <https://ctan.org/pkg/nofill>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/nofill.tex>
  - *The ntg package. Dutch T<sub>E</sub>X Users Group information.* 2016-06-18. LICENSE: other-free  
 URL: <https://ctan.org/pkg/ntg>  
 MIRROR: <https://mirror.ctan.org/usergrps/ntg>
  - *The NTS-L package. NTS mailing list digests.* 2016-06-24. LICENSE: digest. This bundle holds postings from the mailing list , from 1992-05 to 1995-01.  
 URL: <https://ctan.org/pkg/nts-l>  
 MIRROR: <https://mirror.ctan.org/info/digests/nts-l>
  - *The obsolete package. A tree holding obsolete software.* 2016-06-24. LICENSE: collection  
 URL: <https://ctan.org/pkg/obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete>
  - *The ovalfbox package. Boxes with frames whose corners are rounded.* 2016-06-24. LICENSE: noinfo. The package defines a command which seems more stable to the similar command in the package ; however, this package retains the problems with the positioning of multiline text in boxes.  
 URL: <https://ctan.org/pkg/ovalfbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/ovalfbox.sty>
  - *The paragraphs package. Paragraph "tricks" macros.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/paragraphs>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/paragraphs.tex>

- Unknown. *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>
  - *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>
  - *The sc21-wg1 package*. Title page for the old ISO TC97/SC21/WG1 working group. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sc21-wg1>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sc21-wg1.sty>
  - *The screen package*. Prepare a document for a simple previewer. 2016-06-24. LICENSE: noinfo. A small package designed to set geometry to prepare a ( $\LaTeX$  2.09) document for viewing with something like .  
 URL: <https://ctan.org/pkg/screen>  
 MIRROR: <https://mirror.ctan.org/dviware/screenview/vms/screen.sty>

- Unknown. *The sentences package. Numbered lists for sentences.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sentences>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sentences.tex>
- *The sfwmac package. A set of definitions for Unix system documentation.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sfwmac>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sfwmac.sty>
  - *The sshdbk10 package. Sans headers in book style.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/sshdbk10>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/sshdbk10.sty>
  - *The tabbingbox package. Save a tabbing environment in a box.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/tabbingbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tabbingbox.tex>
  - *The texcad32 package. Win32 drawing package for mathematical diagrams.* 2020-01-19. Version 4.4.1.6. LICENSE: lppl. Texcad32 is one of a number of clones/developments of the DOS program Texcad. Texcad32 can output either to a file of special commands, or to PostScript.  
 URL: <https://ctan.org/pkg/texcad32>  
 MIRROR: <https://mirror.ctan.org/graphics/texcad32>
  - *The Texhax package. Digests of a general  $\TeX$  mailing list.* 2021-08-26. LICENSE: pd  
 URL: <https://ctan.org/pkg/texhax>  
 MIRROR: <https://mirror.ctan.org/info/digests/texhax>
  - *The texindex package. Simple indexing using standard Unix commands.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/texindex>  
 MIRROR: <https://mirror.ctan.org/indexing/texindex>
  - *The tgrind209 package. Support tgrind in  $\LaTeX$  2.09.* 2016-06-24. LICENSE: noinfo. A development of the file (in the distribution), for use with  $\LaTeX$  2.09.  
 URL: <https://ctan.org/pkg/tgrind209>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/tgrind.sty>
  - *The thirteen package. Print dates of Friday 13th days.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/thirteen>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/thirteen.tex>
  - *The threecol package. Three-column newsletter output.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/threecol>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/threecol.tex>
  - *The tikz-bbox package. Precise determination of bounding boxes in TikZ.* 2021-01-18. Version 0.1. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikz-bbox>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-bbox>
  - *The tikz-ext package. A collection of libraries for PGF/TikZ.* 2023-04-02. Version 0.5.1. LICENSE: fdl,lppl  
 URL: <https://ctan.org/pkg/tikz-ext>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikz-ext>
  - *The TikZbricks package. Drawing bricks with TikZ.* 2019-09-02. Version 0.4. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/tikzbricks>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/tikzbricks>
  - *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  $\LaTeX$  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>

- Unknown. *The timeline package. Typeset time-lines, for planning, etc.* 2016-06-24. LICENSE: noinfo. Defines a environment, in which one places a bunch of s. A small sample of use is provided.  
URL: <https://ctan.org/pkg/timeline>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/timeline>
- *The tipauni package. Producing Unicode characters with TIPA commands.* 2023-02-13. Version 0.7a. LICENSE: gpl3+,fdl  
URL: <https://ctan.org/pkg/tipauni>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/tipauni>
  - *The toc package. Table of contents macros for Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/toc>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/samples/toc.tex>
  - *The trademarks package. A collection of trademarks and the like.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/trademarks>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/trademarks.sty>
  - *The twoside package. Two-side typesetting in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/twoside>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/2side.tex>
  - *The UK-TeX package. The UK T<sub>E</sub>X digest.* 2016-06-24. LICENSE: pd  
URL: <https://ctan.org/pkg/uktex>  
MIRROR: <https://mirror.ctan.org/info/digests/uktex>
  - *The undertilde-gen package. A simple macro for placing a tilde under a character.* 2020-04-11. LICENSE: noinfo  
URL: <https://ctan.org/pkg/undertilde-gen>  
MIRROR: <https://mirror.ctan.org/macros/generic/misc/undertilde.tex>
  - *The unfinished package. Mark unfinished parts of a document.* 2016-06-24. LICENSE: noinfo. The package provides an environment convenient for marking unfinished sections of a document. The environment complains if it thinks the document is not marked as a draft (in the sense of having non-zero.  
URL: <https://ctan.org/pkg/unfinished>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/unfinished.tex>
  - *The unisc package. Unicode small caps with Lua/XeLaTeX.* 2022-04-29. Version 0.2. LICENSE: gpl3+,fdl. L<sup>A</sup>T<sub>E</sub>X produces small caps with or . Neither of these commands produce small caps in Unicode. If the output text is copied and pasted somewhere it shows the same characters as used in the input. This package aims to internally convert all the characters provided to the commands mentioned above. It assumes that the file using this package is compiled with Lua/XeL<sup>A</sup>T<sub>E</sub>X and a good Unicode font which has the small caps characters, e.g., .  
URL: <https://ctan.org/pkg/unisc>  
MIRROR: <https://mirror.ctan.org/macros/unicodetex/latex/unisc>
  - *The unitipa package. TIPA typefaces with Unicode characters as input.* 2021-10-22. Version 0.4. LICENSE: gpl3+,fdl. A(n obsolete) package which used to provide a LuaLaTeX based code for converting Unicode IPA input to T3 encoded TIPA typefaces, but it is recommended to use with Xe/LuaL<sup>A</sup>T<sub>E</sub>X instead for a better output.  
URL: <https://ctan.org/pkg/unitipa>  
MIRROR: <https://mirror.ctan.org/obsolete/macros/luatex/latex/unitipa>
  - *The updatemarks package. Extract and update marks from boxes.* 2023-09-11. Version 0.2b. LICENSE: lppl1.3c. This package can help you update marks if you put your title in boxes. It also patches the package to let the new mark mechanism of L<sup>A</sup>T<sub>E</sub>X work (partially).  
URL: <https://ctan.org/pkg/updatemarks>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/updatemarks>
  - *The util-half package. A half-tone font.* 2016-07-19. LICENSE: noinfo  
URL: <https://ctan.org/pkg/util-half>  
MIRROR: <https://mirror.ctan.org/fonts/cm/utilityfonts/half>
  - *The verbatim-pln package. Define new verbatim "environments" in Plain T<sub>E</sub>X.* 2016-06-24. LICENSE: noinfo  
URL: <https://ctan.org/pkg/verbatim-pln>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/verbatim.tex>
  - *The web9pt package. Nine-point web listings.* 2016-06-24. Version 1.0. LICENSE: noinfo. A small patch to web listing macros that uses the 9pt file from the to make the body text of a web listing appear in 9pt.  
URL: <https://ctan.org/pkg/web9pt>  
MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/web9pt.tex>



- Unknown. *The webmacss package. Use sans serif font in Web listings.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/webmacss>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/misc/webmacss.tex>
- *The winemtex package. EmTeX for windows.* 2016-06-24. LICENSE: noinfo. A full distribution for MS-Windows98 including Ghostscript and WinEdit and preconfigured to work with T<sub>E</sub>X.  
 URL: <https://ctan.org/pkg/winemtex>
  - *The wntamil package. Tamil to T<sub>E</sub>X converter.* 2019-06-21. LICENSE: other-nonfree  
 URL: <https://ctan.org/pkg/wntamil>  
 MIRROR: <https://mirror.ctan.org/language/tamil/wntamil>
  - *The wright package. Define commands with optional arguments.* 2016-06-24. LICENSE: noinfo. Version of and that can define commands with optional arguments. (Preceding the public availability of such commands, in L<sup>A</sup>T<sub>E</sub>X 2e, and with a slightly different syntax.)  
 URL: <https://ctan.org/pkg/wright>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/wright>
  - *The xarticle package. A L<sup>A</sup>T<sub>E</sub>X 2.09 document style with 7pt, 8pt and 9pt options.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/xarticle>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/xarticle>
  - *The xcmr package. A crossed-out version of Computer Modern.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/xcmr>  
 MIRROR: <https://mirror.ctan.org/fonts/cm/xcmr/xcmr12.mf>
  - *The xduts package. Xidian University T<sub>E</sub>X Suite.* 2023-03-24. Version 6.1.4.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xduts>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/xduts>
  - *The zaccone package. Different configuration for different captions.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/zaccone>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/zaccone>
  - *The zitie package. Create CJK character calligraphy practicing sheets.* 2021-10-04. Version 1.4.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/zitie>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/zitie>
- Unknown and Changcheng Student Network. *The BUCTthesis package. Beijing University of Chemical Technology Thesis Template.* 2023-08-04. Version 2.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/buctthesis>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/buctthesis>
- Urban, Michael. *The engwar package. Font for typesetting Tolkien Engwar script.* 2019-06-21. LICENSE: nosell  
 URL: <https://ctan.org/pkg/engwar>  
 MIRROR: <https://mirror.ctan.org/fonts/engwar>
- *The tengwar package. Font to set Tolkien's Tengwar script.* 2019-06-21. LICENSE: nosell. Font for typesetting Tolkien Tengwar script, written in Metafont. The macros support the use of this font.  
 URL: <https://ctan.org/pkg/tengwar>  
 MIRROR: <https://mirror.ctan.org/fonts/tengwar>
- URW GmbH. *The urw package. URW free font support.* 2016-06-24. LICENSE: collection. Fonts, font metrics, and macro support in L<sup>A</sup>T<sub>E</sub>X2e, for available URW fonts. Fonts provided are: – ; – ; – ; – ; – ; and – .  
 URL: <https://ctan.org/pkg/urw>  
 MIRROR: <https://mirror.ctan.org/fonts/urw>
- URW GmbH, Primoz Peterlin, and Walter A. Schmidt. *The URW-base35 package. URW 'Base 35' font pack for L<sup>A</sup>T<sub>E</sub>X.* 2022-10-22. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-base35>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/base35>
- URW GmbH, Walter A. Schmidt, and Keiran Harcombe. *The lettergothic package. The Adobe Type 1 font family Letter GothicType.* 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/lettergothic>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/lettergothic>
- *The urw-antiqua package. URW Antiqua condensed font, for use with T<sub>E</sub>X.* 2021-12-07. Version 001.003. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-antiqua>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/antiqua>

- URW GmbH, Walter A. Schmidt, and Keiran Harcombe. *The urw-arial package. URW Arial font pack for use with L<sup>A</sup>T<sub>E</sub>X*. 2021-12-07. LICENSE: nocommercial  
 URL: <https://ctan.org/pkg/urw-arial>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/arial>
- *The URW-Grotesq package. URW Grotesq font pack for L<sup>A</sup>T<sub>E</sub>X*. 2021-12-07. LICENSE: gpl  
 URL: <https://ctan.org/pkg/urw-grotesq>  
 MIRROR: <https://mirror.ctan.org/fonts/urw/grotesq>
- user202729. *The cprotectinside package. Use cprotect arbitrarily nested*. 2022-06-27. Version 0.0.0. LICENSE: lppl1.3c. This package extends the package to allow users to use verbatim-like commands inside arbitrary parameters.  
 URL: <https://ctan.org/pkg/cprotectinside>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cprotectinside>
- *The precattl package. Prepare special catcodes from token list*. 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/precattl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/precattl>
  - *The prettytok package. Pretty-print token lists*. 2023-04-18. Version 0.2.0. LICENSE: lppl1.3c. Pretty-print token lists to HTML file for debugging purposes. Open the file in any browser to view the result. Can be used to replace .  
 URL: <https://ctan.org/pkg/prettytok>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/prettytok>
  - *The pythonimmediate package. Library to run Python code*. 2023-03-07. Version 0.4.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/pythonimmediate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pythonimmediate>
  - *The rescansync package. Re-scan tokens with syntex information*. 2022-07-15. Version 0.0.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/rescansync>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rescansync>
  - *The saveenv package. Save environment content verbatim*. 2022-12-23. Version 0.0.1. LICENSE: lppl1.3c. This package provides tools to create your own verbatim environments, and works for all values of .  
 URL: <https://ctan.org/pkg/saveenv>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/saveenv>
  - *The unicode-math-input package. Allow entering Unicode symbols in math formulas*. 2023-05-19. Version 0.0.0. LICENSE: lppl1.3c. This package allows entering Unicode symbols in math formulas. Unlike the package, this does not change the math output encoding.  
 URL: <https://ctan.org/pkg/unicode-math-input>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/unicode-math-input>
- Utcke, Sven. *The ut-backref package. Modified backref*. 2016-06-24. Version 1.2. LICENSE: noinfo. A patched version of which adds a list of where the reference was cited, to each bibliography entry.  
 URL: <https://ctan.org/pkg/ut-backref>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/misc/ut-backref.sty>
- Vabishchevich, Petr. *The LaTeXMng package. An integrated development environment for Windows*. 2016-06-24. Version 2.0. LICENSE: shareware  
 URL: <https://ctan.org/pkg/latexmng>  
 MIRROR: <https://mirror.ctan.org/systems/win32/latexmng>
- *The MPEdit package. MetaPost text editor for Win32*. 2016-06-24. LICENSE: other-free  
 URL: <https://ctan.org/pkg/mpedit>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/tools/MPEdit>
- Väisänen, Hannu. *The koma-script-sfs package. Koma-script letter class option for Finnish*. 2016-06-24. Version 1.0. LICENSE: lppl. A parameter set for letters on A4 paper, complying with Finnish standards SFS 2486, 2487 and 2488; suitable for window envelopes with window on the left side in the sizes C5, C65, E5 and E65 (although, because the address window is smaller, for sizes E5 and E65 the address may not fit within the window, but ordinary 3-line address should fit).  
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  - *The envlab package. Addresses on envelopes or mailing labels.* 2022-02-03. Version 1.2. LICENSE: lppl. A L<sup>A</sup>T<sub>E</sub>X package for producing mailing envelopes and labels, including barcodes and address formatting according to the US Postal Service rules. Redefines the standard command of the L<sup>A</sup>T<sub>E</sub>X letter documentclass.  
 URL: <https://ctan.org/pkg/envlab>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/envlab>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/estcpmm>
- *The fitbox package. Fit graphics on a page*. 2019-02-21. Version 1.02. LICENSE: lppl1.3. The package allows a box (usually an box) to fit on the page. It scales the box to the maximal allowed size within the user-set limits. If there is not enough space on the page, the box is moved to the next one.  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitbox>
  - *The foilhtml package. Interface between foiltex and L<sup>A</sup>T<sub>E</sub>X2HTML*. 2022-02-03. Version 1.2. LICENSE: lppl. Provides integration between and , adding sectioning commands and elements of logical formatting to FoilTeX and providing support for FoilTeX commands in L<sup>A</sup>T<sub>E</sub>X2HTML.  
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 URL: <https://ctan.org/pkg/futurans>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/adobe/futurans>
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 MIRROR: <https://mirror.ctan.org/fonts/gillcm>
  - *The ijmart package. L<sup>A</sup>T<sub>E</sub>X Class for the Israel Journal of Mathematics*. 2016-06-24. Version 1.7. LICENSE: lppl. The Israel Journal of Mathematics is published by The Hebrew University Magnes Press. This class provides L<sup>A</sup>T<sub>E</sub>X support for its authors and editors. It strives to achieve the distinct “look and feel” of the journal, while having the interface similar to that of the document class. This will help authors already familiar with amsart to easily submit manuscripts for The Israel Journal of Mathematics or to put the preprints in with minimal changes in the L<sup>A</sup>T<sub>E</sub>X source.  
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 MIRROR: <https://mirror.ctan.org/fonts/jamtimes>
  - *The lsabon package. Support files for the Linotype Sabon fonts*. 2021-09-11. Version 1.1. LICENSE: other-free  
 URL: <https://ctan.org/pkg/lsabon>  
 MIRROR: <https://mirror.ctan.org/fonts/lsabon>
  - *The mathgifg package. Support for Microsoft Georgia and ITC Franklin Gothic*. 2016-06-24. Version 0.4. LICENSE: other-free  
 URL: <https://ctan.org/pkg/mathgifg>  
 MIRROR: <https://mirror.ctan.org/fonts/mathgifg>
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 MIRROR: <https://mirror.ctan.org/fonts/mdputu>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/multiaudience>
  - *The nbaskerv package. Metrics and L<sup>A</sup>T<sub>E</sub>X support for ITC New Baskerville Font From Adobe*. 2016-06-24. Version 1.0c. LICENSE: bsd  
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nmbib>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nostarch>
  - *The pcarl package. L<sup>A</sup>T<sub>E</sub>X Support for Adobe Caslon Open Face*. 2021-09-11. Version 1.0a. LICENSE: other-free  
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 MIRROR: <https://mirror.ctan.org/fonts/pcarl>
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 URL: <https://ctan.org/pkg/philosophersimprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/philosophersimprint>
  - *The rawprint package. Print raw Russian text*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/rawprint>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/koi8>
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 URL: <https://ctan.org/pkg/resphilosophica>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/resphilosophica>
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 URL: <https://ctan.org/pkg/rviewport>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rviewport>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sageep>
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 URL: <https://ctan.org/pkg/tex-vpat>  
 MIRROR: <https://mirror.ctan.org/info/tex-vpat>
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 URL: <https://ctan.org/pkg/evweek>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/calendar/contrib/evweek>
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 URL: <https://ctan.org/pkg/guitlogo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/GuIT/GuITlogo>
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 URL: <https://ctan.org/pkg/concmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/concmath>
  - *The concmath-fonts package. Concrete mathematics fonts*. 2016-06-24. LICENSE: lppl. The fonts are derived from the computer modern mathematics fonts and from Knuth’s fonts; they are distributed as Metafont source. L<sup>A</sup>T<sub>E</sub>X support is offered by the package.  
 URL: <https://ctan.org/pkg/concmath-fonts>  
 MIRROR: <https://mirror.ctan.org/fonts/concmath>
  - *The gpdata package. Cause MetaPost graph package to ignore ‘#’-comments*. 2016-06-24. Version 1.04. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/gpdata>  
 MIRROR: <https://mirror.ctan.org/graphics/metapost/contrib/macros/misc/gpdata.mp>
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 URL: <https://ctan.org/pkg/interpol>  
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 URL: <https://ctan.org/pkg/meta-mode>  
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 URL: <https://ctan.org/pkg/ssquote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ssquote>
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URL: <https://ctan.org/pkg/iitem>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/iitem>
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 The macros in this package model the construction of linguistic tree structures as a genuinely graphical problem: they contain two types of objects, and , and these are positioned relative to a . It is essential that each of these three elements is constructed independent of the other two, and hence they can be modified without unwanted side effects. The macros are based on the package.  
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 URL: <https://ctan.org/pkg/metsymb>  
 MIRROR: <https://mirror.ctan.org/fonts/metsymb>
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 URL: <https://ctan.org/pkg/gsftopk>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/gsftopk>
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 URL: <https://ctan.org/pkg/pkfind>  
 MIRROR: <https://mirror.ctan.org/obsolete/support/pkfind>
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 URL: <https://ctan.org/pkg/latex2man>  
 MIRROR: <https://mirror.ctan.org/support/latex2man>
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 URL: <https://ctan.org/pkg/rcsinfo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rcsinfo>
- Volovich, Vladimir. *The cm-super package. CM-Super family of fonts*. 2016-06-24. LICENSE: gpl. The CM-Super family provides Adobe Type 1 fonts that replace the , , and Cyrillic fonts (thus supporting all European languages except Greek), and bringing many ameliorations in typesetting quality. The fonts exhibit the same metrics as the Metafont-encoded originals.

- URL: <https://ctan.org/pkg/cm-super>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-super>
- Volovich, Vladimir. *The ruhyphen package. Russian hyphenation*. 2016-06-24. Version 1.6. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ruhyphen>  
 MIRROR: <https://mirror.ctan.org/language/hyphenation/ruhyphen>
- *The type1ec package. Permit EC, TC and LH fonts at arbitrary sizes*. 2016-06-24. Version 1.1. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/type1ec>  
 MIRROR: <https://mirror.ctan.org/fonts/ps-type1/cm-super/type1ec.sty>
- Volovich, Vladimir and Marcel Krüger. *The cmap package. Make PDF files searchable and copyable*. 2021-02-06. Version 1.0j. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cmap>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cmap>
- Volovich, Vladimir and Werner Lemberg. *The t2 package. Support for using T2 encoding*. 2018-05-08. LICENSE: lppl  
 URL: <https://ctan.org/pkg/t2>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/t2>
- Volovich, Vladimir, Werner Lemberg, and The L<sup>A</sup>T<sub>E</sub>X Project Team. *The cyrguide package. Documentation of L<sup>A</sup>T<sub>E</sub>X Cyrillic-alphabet features*. 2019-10-04. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cyrguide>  
 MIRROR: <https://mirror.ctan.org/macros/latex/base>
- Vosberg, Friedrich. *The ratex package. A package for German lawyers*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ratex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
- *The rtklage package. Make suit details for German courts*. 2016-06-24. Version 0.1. LICENSE: noinfo. Provides support for lawsuits in German courts, based on classes.  
 URL: <https://ctan.org/pkg/rtklage>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/rtklage>
- Voß, Herbert. *The auto-pst-pdf-lua package. Using LuaL<sup>A</sup>T<sub>E</sub>X together with PostScript code*. 2023-03-21. Version 0.03a. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/auto-pst-pdf-lua>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/auto-pst-pdf-lua>
- *The beamer-fuberlin package. Beamer, using the style of FU Berlin*. 2022-04-28. Version 0.02b. LICENSE: 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>

- Voß, Herbert. *The fbox package. Extended \fbox macro from standard L<sup>A</sup>T<sub>E</sub>X*. 2022-02-20. Version 0.06. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/fbox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fbox>
- *The firamath-otf package. Use OpenType math font Fira Math*. 2023-09-08. Version 0.03b. LICENSE: lppl1.3. The package offers XeTeX/LuaTeX support for the .  
 URL: <https://ctan.org/pkg/firamath-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/firamath-otf>
  - *The heros-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Heros>*. 2022-10-14. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/heros-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/heros-otf>
  - *The hvarabic package. Macros for RTL typesetting*. 2021-06-01. Version 0.02. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hvarabic>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvarabic>
  - *The hvextern package. Write and execute external code, and insert the output*. 2023-08-29. Version 0.37. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/hvextern>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvextern>
  - *The hvfloat package. Controlling captions, fullpage and doublepage floats*. 2023-10-16. Version 2.47. LICENSE: lppl. This package defines a macro to place objects (tables and figures) and their captions in different positions with different rotating angles within a float. All objects and captions can be framed. The main command is `hvf`; a simple example is `hvf`. Options are provided to place captions to the right or left, and rotated. Setting `nonFloat=true` results in placing the float here.  
 URL: <https://ctan.org/pkg/hvfloat>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvfloat>
  - *The hvindex package. Support for indexing*. 2022-01-25. Version 0.04. LICENSE: lppl. The package simplifies the indexing of words using the command `hvindex`. With the package, to index a word in a text, you only have to type it once; the package makes sure it is both typeset and indexed.  
 URL: <https://ctan.org/pkg/hvindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvindex>
  - *The hvlogos package. Print T<sub>E</sub>X-related names as logo*. 2023-10-16. Version 0.10. 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*. 2023-10-29. Version 0.03. LICENSE: lppl1.3. This package allows to draw an URL as a QR code into the margin of a one- or twosided document. The following packages are loaded by default: `qr`, `url`, and `url`.  
 URL: <https://ctan.org/pkg/hvqrurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/hvqrurl>
  - *The isopt package. Writing a T<sub>E</sub>X length with a space between number and unit*. 2018-01-07. Version 0.01. LICENSE: lppl. Writing a T<sub>E</sub>X length with `\the` writes the value and the unit without a space. Package `isopt` provides a macro which inserts a user defined space between number and unit.  
 URL: <https://ctan.org/pkg/isopt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isopt>
  - *The latex-bib-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib>
  - *The latex-bib2-ex package. Examples for the book Bibliografien mit L<sup>A</sup>T<sub>E</sub>X*. 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-bib2-ex>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Bib2>
  - *The LaTeX-Referenz package. Examples from the book "L<sup>A</sup>T<sub>E</sub>X Referenz"*. 2020-06-07. Version 2. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/latex-referenz>  
 MIRROR: <https://mirror.ctan.org/info/examples/LaTeX-Referenz>
  - *The latex-tabellen package. L<sup>A</sup>T<sub>E</sub>X Tabellen*. 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/latex-tabellen>  
 MIRROR: <https://mirror.ctan.org/info/examples/Tabellen2>



- Voß, Herbert. *The libertine package. Wrapper to use the correct libertine 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 libertine-otf package. Support for Libertinus OpenType*. 2023-09-21. Version 0.32. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/libertinus-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/libertinus-otf>
  - *The luafindfont package. Search fonts in the LuaTeX font database*. 2023-06-24. Version 0.13. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/luafindfont>  
 MIRROR: <https://mirror.ctan.org/support/luafindfont>
  - *The luaintro package. Examples from the book “Einführung in LuaTeX und LuaLaTeX”*. 2023-08-26. Version 0.03. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luaintro>  
 MIRROR: <https://mirror.ctan.org/info/examples/luaintro>
  - *The luarandom package. Create lists of random numbers*. 2019-06-09. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/luarandom>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/luarandom>
  - *The lucida-otf package. Support for the Lucida Bright fonts (OpenType)*. 2023-06-16. Version 0.09. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/lucida-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/lucida-otf>
  - *The math-e package. Examples from the book Typesetting Mathematics with  $\LaTeX$* . 2020-06-07. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/math-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math-E>
  - *The mathesatz-examples package. Examples from the book “Mathematiksatz mit  $\LaTeX$ ”*. 2023-08-03. Version 3. LICENSE: lppl  
 URL: <https://ctan.org/pkg/mathesatz-examples>  
 MIRROR: <https://mirror.ctan.org/info/examples/Math>
  - *The nexus-otf package. Supporting for the Nexus OpenType or True Type Fonts*. 2019-06-21. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/nexus-otf>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/nexus-otf>
  - *The pagella-otf package. Using the OpenType fonts  $\TeX$  Gyre Pagella*. 2022-10-16. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pagella-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/pagella-otf>
  - *The plex-otf package. Support for the OpenType font IBM Plex*. 2023-09-10. Version 0.08a. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/plex-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/plex-otf>
  - *The powerdot-fuberlin package. Powerdot, using the style of FU Berlin*. 2019-11-26. Version 0.02a. LICENSE: lppl  
 URL: <https://ctan.org/pkg/powerdot-fuberlin>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/powerdot-FUBerlin>
  - *The presentations package. Examples from the book Presentationen mit  $\LaTeX$* . 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_de](https://mirror.ctan.org/info/examples/Presentations_de)
  - *The presentations-en package. Examples from the book Presentations with  $\LaTeX$* . 2020-06-07. LICENSE: lppl  
 URL: <https://ctan.org/pkg/presentations-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/Presentations\\_en](https://mirror.ctan.org/info/examples/Presentations_en)
  - *The pst-3dplot package. Draw 3D objects in parallel projection, using PSTricks*. 2023-11-01. Version 2.09. LICENSE: lppl. A package using to draw a large variety of graphs and plots, including 3D maths functions. Data can be read from external data files, making this package a generic tool for graphing within  $\TeX$ /LaTeX, without the need for external tools.  
 URL: <https://ctan.org/pkg/pst-3dplot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-3dplot>
  - *The pst-abspos package. Put objects at an absolute position*. 2016-06-24. Version 0.2. LICENSE: lppl. The (PSTricks-related) package provides a command to put an object at an arbitrary absolute (or even a relative) position on the page.  
 URL: <https://ctan.org/pkg/pst-abspos>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-abspos>
  - *The pst-arrow package. Special arrows for PSTricks*. 2021-11-16. Version 0.05. LICENSE: lppl. This package has all the code from the package which was related to arrows, like multiple arrows and so on.  
 URL: <https://ctan.org/pkg/pst-arrow>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-arrow>



- Voß, Herbert. *The pst-calculate package. Support for floating point operations at L<sup>A</sup>T<sub>E</sub>X level*. 2019-06-09. Version 0.02. LICENSE: lppl3  
 URL: <https://ctan.org/pkg/pst-calculate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/pst-calculate>
- *The pst-dart package. Plotting dart boards*. 2021-09-11. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-dart>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-dart>
  - *The pst-exa package. Typeset PSTricks examples, with code*. 2017-09-12. Version 0.06. LICENSE: lppl. The (-related) package provides an environment PSTexample to put code and output side by side or one above the other.  
 URL: <https://ctan.org/pkg/pst-exa>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-exa>
  - *The pst-feyn package. Draw graphical elements for Feynman diagrams*. 2018-09-29. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-feyn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-feyn>
  - *The pst-fp package. Fixed-point arithmetic in PSTricks*. 2016-06-24. Version 0.05. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fp>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base/generic/pst-fp.tex>
  - *The pst-fractal package. Draw fractal sets using PSTricks*. 2022-10-13. Version 0.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-fractal>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-fractal>
  - *The pst-func package. PSTricks package for plotting mathematical functions*. 2023-04-14. Version 1.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-func>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-func>
  - *The pst-graphics package. A PSTricks-compatible graphics for use with Plain T<sub>E</sub>X*. 2016-06-24. Version 0.02. LICENSE: lppl. The package provides a version of that avoids loading the graphics bundle's (original) package, which clashes with ' use of .  
 URL: <https://ctan.org/pkg/pst-graphics>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-graphics>
  - *The pst-hsb package. Curves with continuous colours*. 2023-04-02. Version 0.03. LICENSE: lppl. This is a -related package. It can plot lines and/or curves with continuous colours. Only colours defined in the hsb model are supported.  
 URL: <https://ctan.org/pkg/pst-hsb>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-hsb>
  - *The pst-knot package. PSTricks package for displaying knots*. 2016-06-24. Version 0.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-knot>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-knot>
  - *The pst-lsystem package. Create images based on a L-system*. 2018-12-31. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-lsystem>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-lsystem>
  - *The pst-poker package. Drawing poker cards*. 2023-02-13. Version 0.03b. LICENSE: lgpl3. This related package can create poker cards in various manners.  
 URL: <https://ctan.org/pkg/pst-poker>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-poker>
  - *The pst-support package. Assorted support files for use with PSTricks*. 2016-06-24. LICENSE: lppl. An appropriate set of job options, together with process scripts for use with /  
 URL: <https://ctan.org/pkg/pst-support>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/pst-support>
  - *The pst-tools package. PSTricks support functions*. 2021-09-24. Version 0.12. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-tools>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tools>
  - *The pst-turtle package. Commands for "turtle operations"*. 2019-10-05. Version 0.02. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-turtle>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-turtle>
  - *The pst-venn package. A PSTricks package for drawing Venn sets*. 2018-12-06. Version 0.01. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pst-venn>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-venn>
  - *The pstricks-examples package. PSTricks examples*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pstricks-examples>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_6\\_de](https://mirror.ctan.org/info/examples/PSTricks_6_de)

- Voß, Herbert. *The pstricks-examples-7 package. PSTricks examples files of the 7th edition of the book PSTricks*. 2016-06-24. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-7>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_7\\_de](https://mirror.ctan.org/info/examples/PSTricks_7_de)
- *The pstricks-examples-en package. Examples from PSTricks book (English edition)*. 2016-06-24. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-examples-en>  
 MIRROR: [https://mirror.ctan.org/info/examples/PSTricks\\_en](https://mirror.ctan.org/info/examples/PSTricks_en)
  - *The schola-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre schola*. 2022-11-02. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/schola-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/schola-otf>
  - *The spark-otf package. Support OpenType Spark fonts*. 2022-03-04. Version 0.05a. LICENSE: ofl,lppl1.3  
 URL: <https://ctan.org/pkg/spark-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/spark-otf>
  - *The tabulars-e package. Examples from the book "Typesetting tables with L<sup>A</sup>T<sub>E</sub>X"*. 2020-06-07. Version 1.0. LICENSE: lppl  
 URL: <https://ctan.org/pkg/tabulars-e>  
 MIRROR: <https://mirror.ctan.org/info/examples/tabulars-e>
  - *The termes-otf package. Using the OpenType fonts T<sub>E</sub>X Gyre Termes*. 2022-10-17. Version 0.02. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/termes-otf>  
 MIRROR: <https://mirror.ctan.org/fonts/termes-otf>
  - *The unitconv package. Convert a length into one with another unit*. 2020-05-13. Version 0.01. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/unitconv>  
 MIRROR: <https://mirror.ctan.org/macros/luatex/latex/unitconv>
  - *The voss-mathcol package. Typesetting mathematics in colour, in (La)T<sub>E</sub>X*. 2016-06-24. Version 0.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathcol>  
 MIRROR: <https://mirror.ctan.org/info/math/voss/mathCol>
  - *The voss-mathmode package. A comprehensive review of mathematics in (La)T<sub>E</sub>X*. 2018-01-06. Version 2.47. LICENSE: lppl  
 URL: <https://ctan.org/pkg/voss-mathmode>  
 MIRROR: <https://mirror.ctan.org/obsolete/info/math/voss/mathmode>
  - *The xfakebold package. Fake a regular font for bold characters*. 2020-06-24. Version 0.08. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/xfakebold>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xfakebold>
  - *The xhfill package. Extending \hrulefill*. 2016-06-24. Version 1.01. LICENSE: lppl. The package provides extended macros for the default command. It allows modification of the width and the colour of the line.  
 URL: <https://ctan.org/pkg/xhfill>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xhfill>
  - *The xindex package. Unicode-compatible index generation*. 2023-07-30. Version 0.55. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xindex>  
 MIRROR: <https://mirror.ctan.org/indexing/xindex>
  - *The xurl package. Allow URL breaks at any alphanumerical character*. 2022-01-09. Version 0.10. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/xurl>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/xurl>
- Voß, Herbert, Denis Girou, and Timothy Van Zandt. *The pst-tree package. Trees, using PSTricks*. 2021-09-04. Version 1.14. LICENSE: lppl. pst-tree is a package that defines a macro which offers a structured way of joining nodes created using in order to draw trees.  
 URL: <https://ctan.org/pkg/pst-tree>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-tree>
- *The pstricks-base package. PostScript macros for T<sub>E</sub>X*. 2023-11-06. Version 3.19b. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/pstricks-base>  
 MIRROR: <https://mirror.ctan.org/graphics/pstricks/base>
- Voß, Herbert and Klaus Höppner. *The dantelogo package. A font for DANTE's logo*. 2016-06-24. Version 0.03. LICENSE: lppl  
 URL: <https://ctan.org/pkg/dantelogo>  
 MIRROR: <https://mirror.ctan.org/fonts/dantelogo>
- Voß, Herbert and Christophe Jorssen. *The pst-circ package. PSTricks package for drawing electric circuits*. 2021-09-10. Version 2.19. LICENSE: lppl. The package is built using and in particular . It can easily draw current 2-terminal devices and some 3- and 4-terminal devices used in electronic or electric theory. The package's macros are designed with a view to 'logical' representation of circuits, as far as possible, so as to relieve the user of purely graphical considerations when expressing a circuit.

- URL: <https://ctan.org/pkg/pst-circ>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-circ>
- Voß, Herbert and Pablo González Luengo. *The pst2pdf package. A script to compile PSTricks documents via pdfTeX*. 2020-08-26. Version 0.20. LICENSE: gpl2  
URL: <https://ctan.org/pkg/pst2pdf>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/scripts/pst2pdf>
- Voß, Herbert and Manuel Luque. *The pst-antiprism package. A PSTricks related package which draws an antiprism*. 2018-02-15. Version 0.02. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-antiprism>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-antiprism>
- *The pst-shell package. Plotting sea shells*. 2020-07-29. Version 0.03. LICENSE: lppl  
URL: <https://ctan.org/pkg/pst-shell>  
MIRROR: <https://mirror.ctan.org/graphics/pstricks/contrib/pst-shell>
  - *The pst-spinner package. Drawing a fidget spinner*. 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>
- Vrba, Anton. *The sidenotesplus package. Place referenced notes, alerts, figures and tables into the document margin.* 2023-10-05. Version 1.03. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/sidenotesplus>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/sidenotesplus>
- Vrečko, Matjaž and Leon Žlajpah. *The slhyph package. Slovenian hyphenation patterns.* 2016-11-05. LICENSE: lppl. The function of this package is encompassed in that of the package, for future applications.  
 URL: <https://ctan.org/pkg/slhyph>  
 MIRROR: <https://mirror.ctan.org/language/slovenian/slhyph.tex>
- Vrettos, Dimitrios. *The matc3 package. Commands for MatematicaC3 textbooks.* 2016-06-24. Version 1.0.1. LICENSE: lppl1.3  
 URL: <https://ctan.org/pkg/matc3>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3>
- *The matc3mem package. Class for MatematicaC3 textbooks.* 2016-06-24. Version 1.1. LICENSE: lppl1.3. The class is a development of , with additions (specifically, mathematical extensions) that provide support for writing the books for the Matematica C3 project to produce free mathematical textbooks for use in Italian high schools.  
 URL: <https://ctan.org/pkg/matc3mem>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/matc3mem>
- Vũ, Dũng. *The akshar package. Support for syllables in the Devanagari script.* 2020-09-06. Version 0.2. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/akshar>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/akshar>
- Vulis, Dimitri. *The barcodes-vulis package. A font for making barcodes.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/barcodes-vulis>  
 MIRROR: <https://mirror.ctan.org/fonts/barcodes/vulis/barcodes.mf>
- *The weekday package. Generate "day of week".* 2020-04-11. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/weekday>  
 MIRROR: <https://mirror.ctan.org/macros/generic/misc/weekday.sty>
- Wäckerlin, Marc. *The businesscard-qrcode package. Business cards with QR-Code.* 2021-09-16. Version 1.2. LICENSE: lgpl  
 URL: <https://ctan.org/pkg/businesscard-qrcode>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/businesscard-qrcode>
- *The inline-images package. Inline images in base64 encoding.* 2021-09-16. Version 1.0. LICENSE: lgpl3  
 URL: <https://ctan.org/pkg/inline-images>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/inline-images>
- Wagner, Anselm. *The biblatex-license package. Add license data to the bibliography.* 2021-03-18. Version 0.1. LICENSE: lppl1.3c. This package is for adding license data to bibliography entries via BibLaTeX's built-in related mechanism. It provides a new relatedtype and some bibmacros for typesetting these related entries.  
 URL: <https://ctan.org/pkg/biblatex-license>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/biblatex-contrib/biblatex-license>
- Wagner, Victor. *The catdoc package. Text extractor for word files.* 2016-06-24. Version 0.90. LICENSE: gpl  
 URL: <https://ctan.org/pkg/catdoc>  
 MIRROR: <https://mirror.ctan.org/support/catdoc>
- Wagner, Zdeněk. *The advdate package. Print a date relative to "today".* 2016-06-24. LICENSE: lppl1.3. Provides macros which can add a specified number of days to the current date (as specified in ), to save, set and restore the 'current date' and to print it. Intended use is, for example, in invoices "payable within 14 days from today", etc. The package has only been tested with Czech dates.  
 URL: <https://ctan.org/pkg/advdate>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/advdate>
- *The cnbwp package. Typeset working papers of the Czech National Bank.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/cnbwp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/cnbwp>
  - *The drawing package. Simple drawings with Metafont.* 2018-01-06. Version 1.0a. LICENSE: noinfo. A system for producing drawings using Metafont glyphs (or sequences of glyphs, tiled together using the package).  
 URL: <https://ctan.org/pkg/drawing>  
 MIRROR: <https://mirror.ctan.org/graphics/drawing>
  - *The ean13isbn package. Print EAN13 for ISBN.* 2021-01-24. LICENSE: lppl1.3. The package provides the means to typeset ISBN codes with EAN-13; it uses the (generic) package to typeset the actual barcode.

- URL: <https://ctan.org/pkg/ean13isbn>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ean13isbn>
- Wagner, Zdeněk. *The fillform package. Typeset answers to overprint on printed forms*. 2016-06-24. LICENSE: nosell  
URL: <https://ctan.org/pkg/fillform>  
MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/fillform>
- *The makebarcode package. Print various kinds 2/5 and Code 39 bar codes*. 2016-06-24. Version 1.0. LICENSE: lpl  
URL: <https://ctan.org/pkg/makebarcode>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/makebarcode>
  - *The ocr-b-outline package. OCR-B fonts in Type 1 and OpenType*. 2016-06-24. LICENSE: other-free. The package contains OCR-B fonts in Type1 and OpenType formats. They were generated from the Metafont sources of the . The metric files are not included here, so that original ocr-b package should also be installed.  
URL: <https://ctan.org/pkg/ocr-b-outline>  
MIRROR: <https://mirror.ctan.org/fonts/ocr-b-outline>
  - *The xevlna package. Insert non-breakable spaces using XeTeX*. 2018-05-30. Version 1.1. LICENSE: lpl1.3  
URL: <https://ctan.org/pkg/xevlna>  
MIRROR: <https://mirror.ctan.org/macros/xetex/generic/xevlna>
  - *The zwgetfdate package. Get package or file date*. 2017-04-18. LICENSE: lpl1.3. The package can fetch the date declaration of packages and files used by a document, and then provide the information in macros. The facilities provide a means of obtaining the date of a package being documented; this is mainly of use when /.  
URL: <https://ctan.org/pkg/zwgetfdate>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwgetfdate>
  - *The zwpagelayout package. Page layout and crop-marks*. 2022-04-18. Version 1.4e. LICENSE: lpl  
URL: <https://ctan.org/pkg/zwpagelayout>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/zwpagelayout>
- Wagner, Zdeněk and Petr Olšák. *The encxvlna package. Insert nonbreakable spaces, using encTeX*. 2018-05-30. Version 1.1. LICENSE: lpl  
URL: <https://ctan.org/pkg/encxvlna>  
MIRROR: <https://mirror.ctan.org/macros/generic/encxvlna>
- Wagner, Zdeněk, Anshuman Pandey, Frans Velthuis, Steven T. Smith, Dominik Wujastyk, and François Patte. *The devanagari package. Typeset Devanagari*. 2020-06-07. Version 2.17.1. LICENSE: gpl  
URL: <https://ctan.org/pkg/devanagari>  
MIRROR: <https://mirror.ctan.org/language/devanagari/velthuis>
- Wahl, Tobias. *The MiniPlot package. A package for easy figure arrangement*. 2016-06-24. LICENSE: lpl  
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>



- Walsh, Norman. *The HPTfm2pl package. Create T<sub>E</sub>X PL files from HP AutoFont Support*. 2018-01-06. Version 1.0b beta. LICENSE: pd  
 URL: <https://ctan.org/pkg/hp2pl>  
 MIRROR: <https://mirror.ctan.org/support/hp2pl>
- *The ljmetrics package. Metrics for Laserjet built-in fonts*. 2016-06-24. Version 0.9. LICENSE: noinfo. The distribution offers TFM (and PL) files derived from Hewlett-Packard's LaserJet IV Developers kit. No outlines are provided; the metrics are only usable with drivers adapted for output to the relevant printers (e.g., ).  
 URL: <https://ctan.org/pkg/ljmetrics>  
 MIRROR: <https://mirror.ctan.org/fonts/ljmetrics>
  - *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 htmlhelp package. HTML translation of VMS help files*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/htmlhelp>  
 MIRROR: <https://mirror.ctan.org/info/htmlhelp>
- Walshaw, Chris. *The abc2mtex package. Notate tunes stored in ABC notation*. 2020-09-10. Version 1.6.1. LICENSE: nosell. A package to notate tunes stored in an ascii format (abc notation, commonly used to notate traditional music). One of the most important aims of ABC notation, and perhaps one that distinguishes it from most, if not all, computer-readable musical languages is that it can be easily read by humans. The package produces files that can be processed with .  
 URL: <https://ctan.org/pkg/abc2mtex>  
 MIRROR: <https://mirror.ctan.org/support/abc2mtex>
- Waltman, Marijn. *The lpform package. Typesetting linear programming formulations and sets of equations*. 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/lpform>  
 MIRROR: <https://mirror.ctan.org/macros/generic/lpform>
- Wan, Zhen. *The CQUBeamer package. L<sup>A</sup>T<sub>E</sub>X Beamer Template for Chongqing University*. 2018-05-12. Version 1.0. LICENSE: mit,cc-by-4  
 URL: <https://ctan.org/pkg/cqubeamer>  
 MIRROR: <https://mirror.ctan.org/macros/xetex/latex/cqubeamer>
- Wang, Hsin-Po. *The snaptodo package. A todo that snaps to the closer side*. 2021-11-26. LICENSE: lppl1.3c. This package is an alternative to , from which it differs in the following ways:  
 URL: <https://ctan.org/pkg/snaptodo>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/snaptodo>
- Wang, Junwei. *The beamerthemeNord package. A simple beamer theme using the "Nord" color theme*. 2020-08-24. Version 0.2.0. LICENSE: lppl1.3c. This package provides a simple beamer theme using the color theme.  
 URL: <https://ctan.org/pkg/beamerthemenord>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/beamer-contrib/themes/beamerthemenord>
- Wang, Qifan. *The mlawriter package. Write MLA style documents in Plain T<sub>E</sub>X*. 2023-07-05. Version 1.1.0. LICENSE: cc0  
 URL: <https://ctan.org/pkg/mlawriter>  
 MIRROR: <https://mirror.ctan.org/macros/plain/contrib/mlawriter>
- Wang, Ran. *The Install-L<sup>A</sup>T<sub>E</sub>X-Guide-zh-cn package. A short introduction to L<sup>A</sup>T<sub>E</sub>X installation written in Chinese*. 2023-11-02. Version 2023.11.1. 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/btool>  
 MIRROR: <https://mirror.ctan.org/biblio/bibtex/utils/bt00L>
- Ward, Martin. *The program package. Typesetting programs and algorithms*. 2018-01-06. Version 3.3.14. LICENSE: gpl3  
 URL: <https://ctan.org/pkg/program>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/program>
- Wardrop, Matthew. *The blochsphere package. Draw pseudo-3D diagrams of Bloch spheres*. 2016-06-24. Version 1.1. LICENSE: lppl1.3.  
 This package is used to draw pseudo-3D Blochsphere diagrams. It supports various annotations, such as great and small circles, axes, rotation markings and state vectors. It can be used in a standalone fashion, or nested within a environment by setting the environment option to .  
 URL: <https://ctan.org/pkg/blochsphere>  
 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/blochsphere>
- Warner, Daniel. *The delig package. Disable misplaced ligatures in L<sup>A</sup>T<sub>E</sub>X documents*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/delig>  
 MIRROR: <https://mirror.ctan.org/support/delig>
- Wartenburger, Lucas. *The juraabbrev package. Abbreviations for typesetting (German) juridical documents*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/juraabbrev>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/juraabbrev>
- *The jurarsp package. Citations of judgements and official documents in (German) juridical documents*. 2016-06-24. Version 0.52.  
 LICENSE: gpl  
 URL: <https://ctan.org/pkg/jurarsp>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/jurarsp>
- Washburn, Geoffrey. *The otftofd package. Generate control files for OpenType fonts*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/otftofd>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/otftofd>
- Waßenhoven, Dominik. *The biblatex-dw package. Humanities styles for BibLaTeX*. 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>
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 URL: <https://ctan.org/pkg/labelmag>  
 MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/labelmag>
  - *The latexwizard package. Create the header of a L<sup>A</sup>T<sub>E</sub>X document*. 2016-06-24. Version 1.0 beta 4. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/latexwizard>  
 MIRROR: <https://mirror.ctan.org/systems/win32/texhelpers/latexwizard>
  - *The pdflatexpicscale package. Support software for downscaling graphics to be included by pdfLaTeX*. 2018-02-12. Version 0.32. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pdflatexpicscale>  
 MIRROR: <https://mirror.ctan.org/support/pdflatexpicscale>
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 URL: <https://ctan.org/pkg/catalogue>
- Williams, Peter. *The harvard-obsolete package. The Harvard bibliography style family*. 2018-12-22. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/harvard-obsolete>  
 MIRROR: <https://mirror.ctan.org/obsolete/biblio/bibtex/contrib/harvard>
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 URL: <https://ctan.org/pkg/williams>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/williams>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/harvard>
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- URL: <https://ctan.org/pkg/revnum>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/revnum>
- Wilson, Peter R. *The aramaic package. Fonts for Aramaic script*. 2016-06-24. Version 1.2. LICENSE: lppl  
URL: <https://ctan.org/pkg/aramaic>  
MIRROR: <https://mirror.ctan.org/fonts/archaic/aramaic>
- *The auncial package. Artificial Uncial manuscript book-hand font*. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/auncial>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/auncial>
  - *The auncial-new package. Artificial Uncial font and L<sup>A</sup>T<sub>E</sub>X support macros*. 2022-04-06. Version 2.0. LICENSE: lppl  
URL: <https://ctan.org/pkg/auncial-new>  
MIRROR: <https://mirror.ctan.org/fonts/auncial-new>
  - *The b1encoding package. L<sup>A</sup>T<sub>E</sub>X encoding tools for Bookhands fonts*. 2016-06-24. Version 1.0. LICENSE: lppl1.3. The package characterises and defines the author’s B1 encoding for use with L<sup>A</sup>T<sub>E</sub>X when typesetting things using his fonts.  
URL: <https://ctan.org/pkg/b1encoding>  
MIRROR: <https://mirror.ctan.org/macros/latex/contrib/b1encoding>
  - *The bookdb package. A BibTeX style file for cataloguing a home library*. 2016-06-24. Version 0.2. LICENSE: lppl1.3  
URL: <https://ctan.org/pkg/bookdb>  
MIRROR: <https://mirror.ctan.org/biblio/bibtex/contrib/bookdb>
  - *The bookhands package. A collection of book-hand fonts*. 2017-10-29. LICENSE: lppl  
URL: <https://ctan.org/pkg/bookhands>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands>
  - *The carolmin package. Carolingian Miniscule manuscript book-hand font*. 2022-04-06. LICENSE: lppl  
URL: <https://ctan.org/pkg/carolmin>  
MIRROR: <https://mirror.ctan.org/fonts/bookhands/carolmin>
  - *The chbibref package. Change the Bibliography/References title*. 2016-06-24. Version 1.0. LICENSE: lppl. Defines a single command, `\chbibref`, which sets whichever of `\bibliography` and `\bibliographystyle` is in use. (`\chbibref` 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>

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 URL: <https://ctan.org/pkg/hieroglf>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/hieroglf>
- *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>
  - *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>
  - *The iso package. Generic ISO standards typesetting macros.* 2016-06-24. Version 2.4. LICENSE: lppl  
 URL: <https://ctan.org/pkg/iso>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso>
  - *The iso10303 package. Typesetting the STEP standards.* 2016-06-24. Version 1.5. LICENSE: lppl. Class and package files building on for typesetting the ISO 10303 (STEP) standards. Standard documents prepared using these packages have been published by ISO.  
 URL: <https://ctan.org/pkg/iso10303>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isostds/iso10303>
  - *The isorot package. Rotation of document elements.* 2016-06-24. LICENSE: lppl. The package is for rotation of document elements. It is a combination of the package and an extension of the package. The package is designed for use with the but may be used with any normal class.  
 URL: <https://ctan.org/pkg/isorot>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/isorot>
  - *The linearb package. Linear B script used in the Bronze Age for Mycenaean Greek.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/linearb>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/linearb>
  - *The ltx2x package. Replace L<sup>A</sup>T<sub>E</sub>X commands in a document by user-defined strings.* 2016-06-24. Version 0.92. LICENSE: lppl  
 URL: <https://ctan.org/pkg/ltx2x>  
 MIRROR: <https://mirror.ctan.org/support/ltx2x>
  - *The metafp package. Some Experiences in Running Metafont and MetaPost.* 2016-06-18. LICENSE: nosource  
 URL: <https://ctan.org/pkg/metafp>  
 MIRROR: <https://mirror.ctan.org/info/metafont/metafp>
  - *The nabatean package. Font for Nabatean script.* 2016-06-24. Version 1.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/nabatean>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/nabatean>
  - *The oands package. Glyphs used when transliterating ancient scripts.* 2016-06-18. Version 1.1. LICENSE: lppl  
 URL: <https://ctan.org/pkg/oands>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/oands>
  - *The oldprsn package. Fonts old Persian cuneiform script.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/oldprsn>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/oldprsn>
  - *The pacioli package. Fonts designed by Fra Luca de Pacioli in 1497.* 2016-06-24. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pacioli>  
 MIRROR: <https://mirror.ctan.org/fonts/pacioli>
  - *The pgothic package. Fonts based on the Gothic Textura Presciscus manuscript book-hand.* 2022-04-06. LICENSE: lppl  
 URL: <https://ctan.org/pkg/pgothic>  
 MIRROR: <https://mirror.ctan.org/fonts/bookhands/pgothic>
  - *The phoenician package. Fonts for the Phoenician script in use from about 1600 BC.* 2016-06-24. Version 2.2. LICENSE: lppl  
 URL: <https://ctan.org/pkg/phoenician>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic/phoenician>
  - *The protosem package. Fonts for proto-Semitic cuneiform script.* 2016-06-24. Version 1.2. LICENSE: lppl. A font (in Type 1 format) and macros for proto-Semitic writing. This script was in use about 1600 BCE, and seems to be the oldest ancestor of most of the

world's alphabets. This is one of a series of fonts.

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

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

Wilson, Peter R. *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>

— *The rustic package. Roman Rustic manuscript book-hand font.* 2016-07-29. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/fonts/bookhands/rustic>

— *The sqrcaps package. Square Capitals manuscript book-hand font.* 2016-06-24. Version 1.1. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/fonts/bookhands/sqrcaps>

— *The sudokubundle package. A set of sudoku-related packages.* 2016-06-24. Version 1.0a. LICENSE: lppl

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

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

— *The tgothic package. Gothic Textura Quadrata manuscript book-hand font.* 2022-04-06. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/fonts/bookhands/tgothic>

— *The titlepages package. Sample titlepages, and how to code them.* 2018-01-06. LICENSE: lppl

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

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

— *The trajan package. Fonts from the Trajan column in Rome.* 2016-06-24. Version 1.1. LICENSE: lppl

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

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

— *The ugarite package. Fonts for Ugaritic cuneiform script.* 2016-06-24. Version 1.2. LICENSE: lppl

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

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

— *The uncial package. Uncial manuscript book-hand font.* 2016-07-29. LICENSE: lppl

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

MIRROR: <https://mirror.ctan.org/fonts/bookhands/uncial>

— *The webguide package. Brief Guide to L<sup>A</sup>T<sub>E</sub>X Tools for Web publishing.* 2016-06-24. LICENSE: other-free

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

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

Wilson, Peter R., Alan Hoenig, and David Carlisle. *The cutwin package. Cut a window in a paragraph, typeset material in it.* 2021-10-30. Version 0.2. LICENSE: lppl1.3

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

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

Wilson, Peter R., Vafa Khalighi, Maïeul Rouquette, and bidi-tex GitHub Organisation. *The ledarab package. Typeset scholarly editions in arabic.* 2019-09-08. Version 0.1. LICENSE: lppl

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

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

— *The ledmac package. Typeset scholarly editions.* 2018-11-28. Version 0.19.4. LICENSE: lppl1.3

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

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

— *The ledpar package. Typeset scholarly editions in parallel texts.* 2018-11-28. Version 0.14a. LICENSE: lppl

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

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

Wilson, Peter R. and Lars Madsen. *The memdesign package. Notes on book design.* 2018-09-16. LICENSE: lppl1.3

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

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



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- Wilson, Peter R. and Lars Madsen. *The memoir package. Typeset fiction, non-fiction and mathematical books.* 2023-08-21. Version 3.8.1. LICENSE: lppl1.3c  
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 MIRROR: <https://mirror.ctan.org/fonts/archaic/sarabian>
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 URL: <https://ctan.org/pkg/archaic>  
 MIRROR: <https://mirror.ctan.org/fonts/archaic>
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 URL: <https://ctan.org/pkg/eqnarray>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/eqnarray>
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 URL: <https://ctan.org/pkg/formular>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/formular>
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 URL: <https://ctan.org/pkg/chronology>  
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- Wittenberg, Lee and Stephen Mc Kearney. *The wordweb package. Literate programming using Microsoft Word.* 2016-06-24. LICENSE: noinfo. An experimental mechanism for use with Word; a Word file is provided.  
 URL: <https://ctan.org/pkg/wordweb>  
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 URL: <https://ctan.org/pkg/uhassignment>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/uhassignment>
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 URL: <https://ctan.org/pkg/corelpak>  
 MIRROR: <https://mirror.ctan.org/fonts/psfonts/corelpak>
- Wolczko, Mario. *The a5comb package. Support for a5 paper sizes.* 2016-06-24. Version 4. LICENSE: pd. Superseded by .  
 URL: <https://ctan.org/pkg/a5comb>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/a5comb>
- *The AFMtop1 (Wolczko) package. Unix utilities for translating AFM files to PL.* 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/afmtop1-wolczko>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/afmtop1/wolczko>
- *The romaneg package. Roman page numbers negative.* 2016-06-24. LICENSE: pd. Causes the page numbers in the DVI file (as defined by ) to be negative when roman pagenumbering is in effect.  
 URL: <https://ctan.org/pkg/romaneg>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/romaneg>
- *The smalltalk package. Typeset Smalltalk program fragments.* 2016-06-24. Version 3. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/smalltalk>  
 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/smalltalk.sty>
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 URL: <https://ctan.org/pkg/vdm>  
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 MIRROR: <https://mirror.ctan.org/macros/latex209/contrib/misc/alltt2.sty>
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 URL: <https://ctan.org/pkg/vutex>  
 MIRROR: <https://mirror.ctan.org/dviware/vutex>
- Wolff, Thomas. *The t1tools package. Facilities for handling Adobe Type 1 fonts*. 2016-06-24. LICENSE: noinfo  
 URL: <https://ctan.org/pkg/t1tools>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/t1tools>
- Woliński, Marcin. *The bredzenie package. A Polish version of “lorem ipsum...” in the form of a L<sup>A</sup>T<sub>E</sub>X package*. 2018-05-01. Version 1.0. LICENSE: lppl1.3c  
 URL: <https://ctan.org/pkg/bredzenie>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bredzenie>
- *The mwcls package. Polish-oriented document classes*. 2018-01-06. Version 0.75. LICENSE: lppl1.2. mwcls is a set of document classes for L<sup>A</sup>T<sub>E</sub>X 2e designed with Polish typographical tradition in mind. Classes include: “ (which is a replacement for “), “ (replacing “), and ” (replacing ”). Most features present in standard classes work with mwcls classes. Some extensions/exceptions include: sectioning commands allow for second optional argument (it is possible to state different texts for running head and for TOC), new environments “ and ” for lists with long items, page styles have variants for normal, opening, closing, and blank pages.  
 URL: <https://ctan.org/pkg/mwcls>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mwcls>
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 URL: <https://ctan.org/pkg/ffslides>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/ffslides>
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 URL: <https://ctan.org/pkg/pbmtogf>  
 MIRROR: <https://mirror.ctan.org/fonts/utilities/pbmtogf>
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 URL: <https://ctan.org/pkg/at>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
- *The cmtt package. A package for handling the cmtt font better*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/cmtt>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
  - *The doafter package. Do things after a group*. 2016-06-24. Version 1.2. LICENSE: gpl  
 URL: <https://ctan.org/pkg/dafter>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
  - *The footnote package. Improve on L<sup>A</sup>T<sub>E</sub>X’s footnote handling*. 2016-06-24. Version 1.13. LICENSE: gpl  
 URL: <https://ctan.org/pkg/footnote>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
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 URL: <https://ctan.org/pkg/mdwfonts>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwfonts>
  - *The mdwlist package. Miscellaneous list-related commands*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mdwlist>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
  - *The mdwmath package. Some maths extensions*. 2016-06-24. Version 1.1. LICENSE: gpl  
 URL: <https://ctan.org/pkg/mdwmath>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/mdwtools>
  - *The mdwtab package. A reimplementatation of tabular and array environments*. 2016-06-24. Version 1.9. LICENSE: gpl  
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MIRROR: <https://mirror.ctan.org/language/japanese/BX/bxjatoucs>
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  - *The ifptex package. Check if the engine is pTeX 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 provided for backward compatibility.  
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MIRROR: <https://mirror.ctan.org/macros/generic/ifptex>
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URL: <https://ctan.org/pkg/ipaex-type1>  
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URL: <https://ctan.org/pkg/jfmutil>  
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  - *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>  
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 MIRROR: <https://mirror.ctan.org/graphics/pgf/contrib/pgf-umlcd>



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 URL: <https://ctan.org/pkg/bussproofs-extra>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/bussproofs-extra>
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 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fitch>
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 URL: <https://ctan.org/pkg/keyindex>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/keyindex>
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 URL: <https://ctan.org/pkg/lplfitch>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/lplfitch>
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 MIRROR: <https://mirror.ctan.org/macros/luatex/generic/kanaparser>
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 URL: <https://ctan.org/pkg/fancybox>  
 MIRROR: <https://mirror.ctan.org/macros/latex/contrib/fancybox>
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 MIRROR: <https://mirror.ctan.org/macros/generic/poster>
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 URL: <https://ctan.org/pkg/frame>  
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 MIRROR: <https://mirror.ctan.org/systems/os2/ftetx/ftetx004.zip>
- Zýka, Vít. *The semaphor package. Semaphore alphabet font*. 2016-06-24. LICENSE: gpl  
 URL: <https://ctan.org/pkg/semaphor>  
 MIRROR: <https://mirror.ctan.org/fonts/semaphor>